

Experiment Number: 20601 - 03
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide
CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
Time Report Requested: 14:20:05
First Dose M/F: 09/22/08 / 09/22/08
Lab: BNW

F1_Core_RE

NTP Study Number:	C20601		
Lock Date:	06/13/2011		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25021 TSAC	25020 NATD	25019 MSAC
Removal Date Range:	ALL		
Treatment Groups:	Include ALL		
Study Gender:	Both		
TDMSE Version:	3.0.2.2_002		
PWG Approval Date:	NONE		

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WISTAR HAN RATS MALE	DAY ON TEST																								males (cont...)	
	0730	0739	0659	0730	0739	0528	0739	0528	0477	0739	0739	0739	0739	0739	0537	0678	0722	0369	0722	0722	0722	0722	0730	0739		0739
Control	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
ANIMAL ID	0001	0002	0004	0005	0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0014	0015	0016	0017	0018	0019	0020	0021	

Arteriole, Inflammation, Chronic Active
 Fat, Necrosis

Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy				2	2					1	2								1				1	
Basophilic Focus		X									X									X				
Inflammation, Chronic Active																								
Artery, Inflammation, Chronic Active				2																				

Salivary Glands +

Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst, Squamous					2																			
Hyperplasia, Squamous														2										
Ulcer																								

Stomach, Glandular
 Inflammation, Chronic Active
 Mineralization +

Tongue
 Epithelium, Hyperplasia

Tooth
 Malformation +
 2

CARDIOVASCULAR SYSTEM

Blood Vessel
 Mineralization +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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	0730	0732	0735	0737	0739	0742	0745	0747	0749	0752	0754	0757	0759	0802	0804	0806	0809	0811	0813	0816	0818	0821	0823	0825			0828	0830	0832	0835	0837	0840	0842	0845	0847	0850	0852	0855	0857	0860	0862	0865	0867	0870	0872	0875	0877	0880	0882	0885	0887	0890	0892	0895	0897	0900	0902	0905	0907	0910	0912	0915	0917	0920	0922	0925	0927	0930	0932	0935	0937	0940	0942	0945	0947	0950	0952	0955	0957	0960	0962	0965	0967	0970	0972	0975	0977	0980	0982	0985	0987	0990	0992	0995	0997	1000	1002	1005	1007	1010	1012	1015	1017	1020	1022	1025	1027	1030	1032	1035	1037	1040	1042	1045	1047	1050	1052	1055	1057	1060	1062	1065	1067	1070	1072	1075	1077	1080	1082	1085	1087	1090	1092	1095	1097	1100	1102	1105	1107	1110	1112	1115	1117	1120	1122	1125	1127	1130	1132	1135	1137	1140	1142	1145	1147	1150	1152	1155	1157	1160	1162	1165	1167	1170	1172	1175	1177	1180	1182	1185	1187	1190	1192	1195	1197	1200	1202	1205	1207	1210	1212	1215	1217	1220	1222	1225	1227	1230	1232	1235	1237	1240	1242	1245	1247	1250	1252	1255	1257	1260	1262	1265	1267	1270	1272	1275	1277	1280	1282	1285	1287	1290	1292	1295	1297	1300	1302	1305	1307	1310	1312	1315	1317	1320	1322	1325	1327	1330	1332	1335	1337	1340	1342	1345	1347	1350	1352	1355	1357	1360	1362	1365	1367	1370	1372	1375	1377	1380	1382	1385	1387	1390	1392	1395	1397	1400	1402	1405	1407	1410	1412	1415	1417	1420	1422	1425	1427	1430	1432	1435	1437	1440	1442	1445	1447	1450	1452	1455	1457	1460	1462	1465	1467	1470	1472	1475	1477	1480	1482	1485	1487	1490	1492	1495	1497	1500	1502	1505	1507	1510	1512	1515	1517	1520	1522	1525	1527	1530	1532	1535	1537	1540	1542	1545	1547	1550	1552	1555	1557	1560	1562	1565	1567	1570	1572	1575	1577	1580	1582	1585	1587	1590	1592	1595	1597	1600	1602	1605	1607	1610	1612	1615	1617	1620	1622	1625	1627	1630	1632	1635	1637	1640	1642	1645	1647	1650	1652	1655	1657	1660	1662	1665	1667	1670	1672	1675	1677	1680	1682	1685	1687	1690	1692	1695	1697	1700	1702	1705	1707	1710	1712	1715	1717	1720	1722	1725	1727	1730	1732	1735	1737	1740	1742	1745	1747	1750	1752	1755	1757	1760	1762	1765	1767	1770	1772	1775	1777	1780	1782	1785	1787	1790	1792	1795	1797	1800	1802	1805	1807	1810	1812	1815	1817	1820	1822	1825	1827	1830	1832	1835	1837	1840	1842	1845	1847	1850	1852	1855	1857	1860	1862	1865	1867	1870	1872	1875	1877	1880	1882	1885	1887	1890	1892	1895	1897	1900	1902	1905	1907	1910	1912	1915	1917	1920	1922	1925	1927	1930	1932	1935	1937	1940	1942	1945	1947	1950	1952	1955	1957	1960	1962	1965	1967	1970	1972	1975	1977	1980	1982	1985	1987	1990	1992	1995	1997	2000	2002	2005	2007	2010	2012	2015	2017	2020	2022	2025	2027	2030	2032	2035	2037	2040	2042	2045	2047	2050	2052	2055	2057	2060	2062	2065	2067	2070	2072	2075	2077	2080	2082	2085	2087	2090	2092	2095	2097	2100	2102	2105	2107	2110	2112	2115	2117	2120	2122	2125	2127	2130	2132	2135	2137	2140	2142	2145	2147	2150	2152	2155	2157	2160	2162	2165	2167	2170	2172	2175	2177	2180	2182	2185	2187	2190	2192	2195	2197	2200	2202	2205	2207	2210	2212	2215	2217	2220	2222	2225	2227	2230	2232	2235	2237	2240	2242	2245	2247	2250	2252	2255	2257	2260	2262	2265	2267	2270	2272	2275	2277	2280	2282	2285	2287	2290	2292	2295	2297	2300	2302	2305	2307	2310	2312	2315	2317	2320	2322	2325	2327	2330	2332	2335	2337	2340	2342	2345	2347	2350	2352	2355	2357	2360	2362	2365	2367	2370	2372	2375	2377	2380	2382	2385	2387	2390	2392	2395	2397	2400	2402	2405	2407	2410	2412	2415	2417	2420	2422	2425	2427	2430	2432	2435	2437	2440	2442	2445	2447	2450	2452	2455	2457	2460	2462	2465	2467	2470	2472	2475	2477	2480	2482	2485	2487	2490	2492	2495	2497	2500	2502	2505	2507	2510	2512	2515	2517	2520	2522	2525	2527	2530	2532	2535	2537	2540	2542	2545	2547	2550	2552	2555	2557	2560	2562	2565	2567	2570	2572	2575	2577	2580	2582	2585	2587	2590	2592	2595	2597	2600	2602	2605	2607	2610	2612	2615	2617	2620	2622	2625	2627	2630	2632	2635	2637	2640	2642	2645	2647	2650	2652	2655	2657	2660	2662	2665	2667	2670	2672	2675	2677	2680	2682	2685	2687	2690	2692	2695	2697	2700	2702	2705	2707	2710	2712	2715	2717	2720	2722	2725	2727	2730	2732	2735	2737	2740	2742	2745	2747	2750	2752	2755	2757	2760	2762	2765	2767	2770	2772	2775	2777	2780	2782	2785	2787	2790	2792	2795	2797	2800	2802	2805	2807	2810	2812	2815	2817	2820	2822	2825	2827	2830	2832	2835	2837	2840	2842	2845	2847	2850	2852	2855	2857	2860	2862	2865	2867	2870	2872	2875	2877	2880	2882	2885	2887	2890	2892	2895	2897	2900	2902	2905	2907	2910	2912	2915	2917	2920	2922	2925	2927	2930	2932	2935	2937	2940	2942	2945	2947	2950	2952	2955	2957	2960	2962	2965	2967	2970	2972	2975	2977	2980	2982	2985	2987	2990	2992	2995	2997	3000	3002	3005	3007	3010	3012	3015	3017	3020	3022	3025	3027	3030	3032	3035	3037	3040	3042	3045	3047	3050	3052	3055	3057	3060	3062	3065	3067	3070	3072	3075	3077	3080	3082	3085	3087	3090	3092	3095	3097	3100	3102	3105	3107	3110	3112	3115	3117	3120	3122	3125	3127	3130	3132	3135	3137	3140	3142	3145	3147	3150	3152	3155	3157	3160	3162	3165	3167	3170	3172	3175	3177	3180	3182	3185	3187	3190	3192	3195	3197	3200	3202	3205	3207	3210	3212	3215	3217	3220	3222	3225	3227	3230	3232	3235	3237	3240	3242	3245	3247	3250	3252	3255	3257	3260	3262	3265	3267	3270	3272	3275	3277	3280	3282	3285	3287	3290	3292	3295	3297	3300	3302	3305	3307	3310	3312	3315	3317	3320	3322	3325	3327	3330	3332	3335	3337	3340	3342	3345	3347	3350	3352	3355	3357	3360	3362	3365	3367	3370	3372	3375	3377	3380	3382	3385	3387	3390	3392	3395	3397	3400	3402	3405	3407	3410	3412	3415	3417	3420	3422	3425	3427	3430	3432	3435	3437	3440	3442	3445	3447	3450	3452	3455	3457	3460	3462	3465	3467	3470	3472	3475	3477	3480	3482	3485	3487	3490	3492	3495	3497	3500	3502	3505	3507	3510	3512	3515	3517	3520	3522	3525	3527	3530	3532	3535	3537	3540	3542	3545	3547	3550	3552	3555	3557	3560	3562	3565	3567	3570	3572	3575	3577	3580	3582	3585	3587	3590	3592	3595	3597	3600	3602	3605	3607	3610	3612	3615	3617	3620	3622	3625	3627	3630	3632	3635	3637	3640	3642	3645	3647	3650	3652	3655	3657	3660	3662	3665	3667	3670	3672	3675	3677	3680	3682	3685	3687	3690	3692	3695	3697	3700	3702	3705	3707	3710	3712	3715	3717	3720	3722	3725	3727	3730	3732	3735	3737	3740	3742	3745	3747	3750	3752	3755	3757	3760	3762	3765	3767	3770	3772	3775	3777	3780	3782	3785	3787	3790	3792	3795	3797	3800	3802	3805	3807	3810	3812	3815	3817	3820	3822	3825	3827	3830	3832	3835	3837	3840	3842	3845	3847	3850	3852	3855	3857	3860	3862	3865	3867	3870	3872	3875	3877	3880	3882	3885	3887	3890	3892	3895	3897	3900	3902	3905	3907	3910	3912	3915	3917	3920	3922	3925	3927	3930	3932	3935	3937	3940	3942	3945	3947	3950	3952	3955	3957	3960	3962	3965	3967	3970	3972	3975	3977	3980	3982	3985	3987	3990	3992	3995	3997	4000	4002	4005	4007	4010	4012	4015	4017	4020	4022	4025	4027	4030	4032	4035	4037	4040	4042	4045	4047	4050	4052	4055	4057	4060	4062	4065	4067	4070	4072	4075	4077	4080	4082	4085	4087	4090	4092

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WISTAR HAN RATS MALE Control	DAY ON TEST																				males (cont...)
	0730	0732	0735	0737	0739	0742	0745	0747	0749	0752	0754	0757	0759	0802	0804	0807	0809	0812	0814	0817	
ANIMAL ID	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																		1			2
Necrosis											1										
Respiratory Epithelium, Hyperplasia																					2
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis								1					1								
Foreign Body																					
Hemorrhage						1															
Inflammation, Chronic Active	1	1	1	1	1			1						1					1		1
Metaplasia, Osseous	1																				
Alveolar Epithelium, Hyperplasia	1				1																
Bronchiole, Epithelium, Hyperplasia			1																		
Perivascular, Infiltration Cellular, Lymphocyte																					
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Squamous						2															
Inflammation, Suppurative					1															1	
Mineralization																					
Glands, Respiratory Epithelium, Cyst											X										
Olfactory Epithelium, Accumulation, Hyaline Droplet	2	1							2		2	1				2	1			1	1
Respiratory Epithelium, Hyperplasia	2			1				1								2					
Respiratory Epithelium, Necrosis																					
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Metaplasia, Squamous				1																	

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
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 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
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Control	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
ANIMAL ID	0001	0002	0004	0005	0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	0000	0001	0002	0004	0005	0006	0007	0008	0009	0000	

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lens, Degeneration				3																				
Retina, Atrophy	3		3	3		3																		
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia				1																				
Lacrimal Gland	+																							
Hypertrophy	3																							

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																								
Inflammation, Suppurative																								
Inflammation, Chronic Active																								
Nephropathy	3	3	1	2	3	1	2		2	2	2	2	1	1		2		1	1	2	2	1	1	
Pelvis, Dilatation																					3			
Pelvis, Inflammation, Suppurative																2								
Pelvis, Inflammation, Chronic Active												2						1						3
Pelvis, Mineralization	1		1				1								2	1	1				1			1
Renal Tubule, Hyperplasia																								
Renal Tubule, Mineralization																								
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Suppurative																								
Necrosis																								

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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WISTAR HAN RATS MALE	DAY ON TEST																								* TOTALS	
	0729	0670	0730	0680	0729	0670	0730	0680	0729	0670	0730	0680	0729	0670	0730	0680	0729	0670	0730	0680	0729	0670	0730	0680		0729
Control	0032	0033	0035	0036	0037	0039	0040	0041	0042	0043	0044	0046	0047	0048	0049	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	50

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Edema																										1	3.0
Inflammation, Chronic Active																										1	2.0
Intestine Large, Rectum	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	44		
Intestine Small, Duodenum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	47		
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	48		
Intestine Small, Jejunum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	46		
Fibrosis																									1	4.0	
Inflammation, Chronic Active																									1	3.0	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Angiectasis																								2	1	2.0	
Basophilic Focus																								X	3		
Clear Cell Focus	X				X					X	X	X		X	X	X							X	18			
Congestion												1												2	3	1.7	
Cyst					2																				2	2.5	
Fatty Change	1																		1					1	4	1.8	
Inflammation, Chronic Active												1													2	1.0	
Sinusoid, Dilatation				1																					1	1.0	
Mesentery	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

Wistar Han Rats Male Control	DAY ON TEST																				* TOTALS								
	0729	0670	0730	0680	0790	0640	0750	0550	0770	0660	0780	0560	0760	0650	0740	0540	0730	0640	0770	0550		0760	0640						
ANIMAL ID	00032	00033	00035	00036	00037	00039	00040	00041	00042	00043	00044	00046	00047	00048	00049	00050	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060			
Arteriole, Inflammation, Chronic Active							1																				1	1.0	
Fat, Necrosis													2															1	2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Atrophy					1								1	1			2	2				1						15	1.5
Basophilic Focus																												3	
Inflammation, Chronic Active																					2							1	2.0
Artery, Inflammation, Chronic Active																												1	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cyst, Squamous																												1	2.0
Hyperplasia, Squamous																												2	1.5
Ulcer							2																					1	2.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Inflammation, Chronic Active							1																					1	1.0
Mineralization							1																					1	1.0
Tongue																												1	
Epithelium, Hyperplasia																												4	4.0
Tooth																												2	
Malformation																												2	2.0

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Mineralization						1																						1	1.0

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WISTAR HAN RATS MALE	DAY ON TEST																								* TOTALS	
	0729	0670	0730	0680	0790	0640	0750	0550	0770	0660	0780	0560	0760	0650	0740	0540	0730	0640	0720	0530	0710	0630	0700	0520		
Control	0032	0033	0035	0036	0037	0039	0040	0041	0042	0043	0046	0047	0048	0049	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy	1	1	1	1	2	1	1	1	1		1	2		1	2	1		2	1	1	2	2		1	41	1.2
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy				3																					1	3.0
Degeneration, Cystic			1																	2					3	1.3
Hemorrhage																							1		1	1.0
Hyperplasia	2		2		1					1	2	3	1	2	2	2	3	2	1		3		1	4	30	2.0
Vacuolization Cytoplasmic																				1					1	1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia																									1	3.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	44	
Hyperplasia			3												1					2		1			4	1.8
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																									1	2.0
Hemorrhage																									1	3.0
Pars Distalis, Hyperplasia					1	1									3	2	3			4					11	2.6
Pars Intermedia, Angiectasis																									1	3.0
Pars Intermedia, Hyperplasia																									1	3.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
C-cell, Hyperplasia											1											1	1		9	1.4
Follicle, Cyst																						2			1	2.0

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	0729	0670	0730	0680	0740	0690	0750	0700	0810	0760	0820	0770	0830	0780	0840	0790	0850	0800	0860	0810	0870	0820	0880	0830		0890	0840	0900	0850	0910	0860	0920	0870	0930	0880	0940	0890	0950	0900	0960	0910	0970	0920	0980	0930	0990	0940	1000	0950	1010	0960	1020	0970	1030	0980	1040	0990	1050	1000	1060	1010	1070	1020	1080	1030	1090	1040	1100	1050	1110	1060	1120	1070	1130	1080	1140	1090	1150	1100	1160	1110	1170	1120	1180	1130	1190	1140	1200	1150	1210	1160	1220	1170	1230	1180	1240	1190	1250	1200	1260	1210	1270	1220	1280	1230	1290	1240	1300	1250	1310	1260	1320	1270	1330	1280	1340	1290	1350	1300	1360	1310	1370	1320	1380	1330	1390	1340	1400	1350	1410	1360	1420	1370	1430	1380	1440	1390	1450	1400	1460	1410	1470	1420	1480	1430	1490	1440	1500	1450	1510	1460	1520	1470	1530	1480	1540	1490	1550	1500	1560	1510	1570	1520	1580	1530	1590	1540	1600	1550	1610	1560	1620	1570	1630	1580	1640	1590	1650	1600	1660	1610	1670	1620	1680	1630	1690	1640	1700	1650	1710	1660	1720	1670	1730	1680	1740	1690	1750	1700	1760	1710	1770	1720	1780	1730	1790	1740	1800	1750	1810	1760	1820	1770	1830	1780	1840	1790	1850	1800	1860	1810	1870	1820	1880	1830	1890	1840	1900	1850	1910	1860	1920	1870	1930	1880	1940	1890	1950	1900	1960	1910	1970	1920	1980	1930	1990	1940	2000	1950	2010	1960	2020	1970	2030	1980	2040	1990	2050	2000	2060	2010	2070	2020	2080	2030	2090	2040	2100	2050	2110	2060	2120	2070	2130	2080	2140	2090	2150	2100	2160	2110	2170	2120	2180	2130	2190	2140	2200	2150	2210	2160	2220	2170	2230	2180	2240	2190	2250	2200	2260	2210	2270	2220	2280	2230	2290	2240	2300	2250	2310	2260	2320	2270	2330	2280	2340	2290	2350	2300	2360	2310	2370	2320	2380	2330	2390	2340	2400	2350	2410	2360	2420	2370	2430	2380	2440	2390	2450	2400	2460	2410	2470	2420	2480	2430	2490	2440	2500	2450	2510	2460	2520	2470	2530	2480	2540	2490	2550	2500	2560	2510	2570	2520	2580	2530	2590	2540	2600	2550	2610	2560	2620	2570	2630	2580	2640	2590	2650	2600	2660	2610	2670	2620	2680	2630	2690	2640	2700	2650	2710	2660	2720	2670	2730	2680	2740	2690	2750	2700	2760	2710	2770	2720	2780	2730	2790	2740	2800	2750	2810	2760	2820	2770	2830	2780	2840	2790	2850	2800	2860	2810	2870	2820	2880	2830	2890	2840	2900	2850	2910	2860	2920	2870	2930	2880	2940	2890	2950	2900	2960	2910	2970	2920	2980	2930	2990	2940	3000	2950	3010	2960	3020	2970	3030	2980	3040	2990	3050	3000	3060	3010	3070	3020	3080	3030	3090	3040	3100	3050	3110	3060	3120	3070	3130	3080	3140	3090	3150	3100	3160	3110	3170	3120	3180	3130	3190	3140	3200	3150	3210	3160	3220	3170	3230	3180	3240	3190	3250	3200	3260	3210	3270	3220	3280	3230	3290	3240	3300	3250	3310	3260	3320	3270	3330	3280	3340	3290	3350	3300	3360	3310	3370	3320	3380	3330	3390	3340	3400	3350	3410	3360	3420	3370	3430	3380	3440	3390	3450	3400	3460	3410	3470	3420	3480	3430	3490	3440	3500	3450	3510	3460	3520	3470	3530	3480	3540	3490	3550	3500	3560	3510	3570	3520	3580	3530	3590	3540	3600	3550	3610	3560	3620	3570	3630	3580	3640	3590	3650	3600	3660	3610	3670	3620	3680	3630	3690	3640	3700	3650	3710	3660	3720	3670	3730	3680	3740	3690	3750	3700	3760	3710	3770	3720	3780	3730	3790	3740	3800	3750	3810	3760	3820	3770	3830	3780	3840	3790	3850	3800	3860	3810	3870	3820	3880	3830	3890	3840	3900	3850	3910	3860	3920	3870	3930	3880	3940	3890	3950	3900	3960	3910	3970	3920	3980	3930	3990	3940	4000	3950	4010	3960	4020	3970	4030	3980	4040	3990	4050	4000	4060	4010	4070	4020	4080	4030	4090	4040	4100	4050	4110	4060	4120	4070	4130	4080	4140	4090	4150	4100	4160	4110	4170	4120	4180	4130	4190	4140	4200	4150	4210	4160	4220	4170	4230	4180	4240	4190	4250	4200	4260	4210	4270	4220	4280	4230	4290	4240	4300	4250	4310	4260	4320	4270	4330	4280	4340	4290	4350	4300	4360	4310	4370	4320	4380	4330	4390	4340	4400	4350	4410	4360	4420	4370	4430	4380	4440	4390	4450	4400	4460	4410	4470	4420	4480	4430	4490	4440	4500	4450	4510	4460	4520	4470	4530	4480	4540	4490	4550	4500	4560	4510	4570	4520	4580	4530	4590	4540	4600	4550	4610	4560	4620	4570	4630	4580	4640	4590	4650	4600	4660	4610	4670	4620	4680	4630	4690	4640	4700	4650	4710	4660	4720	4670	4730	4680	4740	4690	4750	4700	4760	4710	4770	4720	4780	4730	4790	4740	4800	4750	4810	4760	4820	4770	4830	4780	4840	4790	4850	4800	4860	4810	4870	4820	4880	4830	4890	4840	4900	4850	4910	4860	4920	4870	4930	4880	4940	4890	4950	4900	4960	4910	4970	4920	4980	4930	4990	4940	5000	4950	5010	4960	5020	4970	5030	4980	5040	4990	5050	5000	5060	5010	5070	5020	5080	5030	5090	5040	5100	5050	5110	5060	5120	5070	5130	5080	5140	5090	5150	5100	5160	5110	5170	5120	5180	5130	5190	5140	5200	5150	5210	5160	5220	5170	5230	5180	5240	5190	5250	5200	5260	5210	5270	5220	5280	5230	5290	5240	5300	5250	5310	5260	5320	5270	5330	5280	5340	5290	5350	5300	5360	5310	5370	5320	5380	5330	5390	5340	5400	5350	5410	5360	5420	5370	5430	5380	5440	5390	5450	5400	5460	5410	5470	5420	5480	5430	5490	5440	5500	5450	5510	5460	5520	5470	5530	5480	5540	5490	5550	5500	5560	5510	5570	5520	5580	5530	5590	5540	5600	5550	5610	5560	5620	5570	5630	5580	5640	5590	5650	5600	5660	5610	5670	5620	5680	5630	5690	5640	5700	5650	5710	5660	5720	5670	5730	5680	5740	5690	5750	5700	5760	5710	5770	5720	5780	5730	5790	5740	5800	5750	5810	5760	5820	5770	5830	5780	5840	5790	5850	5800	5860	5810	5870	5820	5880	5830	5890	5840	5900	5850	5910	5860	5920	5870	5930	5880	5940	5890	5950	5900	5960	5910	5970	5920	5980	5930	5990	5940	6000	5950	6010	5960	6020	5970	6030	5980	6040	5990	6050	6000	6060	6010	6070	6020	6080	6030	6090	6040	6100	6050	6110	6060	6120	6070	6130	6080	6140	6090	6150	6100	6160	6110	6170	6120	6180	6130	6190	6140	6200	6150	6210	6160	6220	6170	6230	6180	6240	6190	6250	6200	6260	6210	6270	6220	6280	6230	6290	6240	6300	6250	6310	6260	6320	6270	6330	6280	6340	6290	6350	6300	6360	6310	6370	6320	6380	6330	6390	6340	6400	6350	6410	6360	6420	6370	6430	6380	6440	6390	6450	6400	6460	6410	6470	6420	6480	6430	6490	6440	6500	6450	6510	6460	6520	6470	6530	6480	6540	6490	6550	6500	6560	6510	6570	6520	6580	6530	6590	6540	6600	6550	6610	6560	6620	6570	6630	6580	6640	6590	6650	6600	6660	6610	6670	6620	6680	6630	6690	6640	6700	6650	6710	6660	6720	6670	6730	6680	6740	6690	6750	6700	6760	6710	6770	6720	6780	6730	6790	6740	6800	6750	6810	6760	6820	6770	6830	6780	6840	6790	6850	6800	6860	6810	6870	6820	6880	6830	6890	6840	6900	6850	6910	6860	6920	6870	6930	6880	6940	6890	6950	6900	6960	6910	6970	6920	6980	6930	6990	6940	7000	6950	7010	6960	7020	6970	7030	6980	7040	6990	7050	7000	7060	7010	7070	7020	7080	7030	7090	7040	7100	7050	7110	7060	7120	7070	7130	7080	7140	7090	7150	7100	7160	7110	7170	7120	7180	7130	7190	7140	7200	7150	7210	7160	7220	7170	7230	7180	7240	7190	7250	7200	7260	7210	7270	7220	7280	7230	7290	7240	7300	7250	7310	7260	7320	7270	7330	7280	7340	7290	7350	7300	7360	7310	7370	7320	7380	7330	7390	7340	7400	7350	7410	7360	7420	7370	7430

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	0729	0670	0730	0680	0740	0690	0750	0700	0760	0710	0770	0720	0780	0730	0790	0740	0800	0750	0810	0760		0820	0770	0830	0780	0840	0790	0850	0800	0860	0810	0870	0820	0880	0830	0890	0840	0900	0850	0910	0860	0920	0870	0930	0880	0940	0890	0950	0900	0960	0910	0970	0920	0980	0930	0990	0940	1000	0950	1010	0960	1020	0970	1030	0980	1040	0990	1050	1000	1060	1010	1070	1020	1080	1030	1090	1040	1100	1050	1110	1060	1120	1070	1130	1080	1140	1090	1150	1100	1160	1110	1170	1120	1180	1130	1190	1140	1200	1150	1210	1160	1220	1170	1230	1180	1240	1190	1250	1200	1260	1210	1270	1220	1280	1230	1290	1240	1300	1250	1310	1260	1320	1270	1330	1280	1340	1290	1350	1300	1360	1310	1370	1320	1380	1330	1390	1340	1400	1350	1410	1360	1420	1370	1430	1380	1440	1390	1450	1400	1460	1410	1470	1420	1480	1430	1490	1440	1500	1450	1510	1460	1520	1470	1530	1480	1540	1490	1550	1500	1560	1510	1570	1520	1580	1530	1590	1540	1600	1550	1610	1560	1620	1570	1630	1580	1640	1590	1650	1600	1660	1610	1670	1620	1680	1630	1690	1640	1700	1650	1710	1660	1720	1670	1730	1680	1740	1690	1750	1700	1760	1710	1770	1720	1780	1730	1790	1740	1800	1750	1810	1760	1820	1770	1830	1780	1840	1790	1850	1800	1860	1810	1870	1820	1880	1830	1890	1840	1900	1850	1910	1860	1920	1870	1930	1880	1940	1890	1950	1900	1960	1910	1970	1920	1980	1930	1990	1940	2000	1950	2010	1960	2020	1970	2030	1980	2040	1990	2050	2000	2060	2010	2070	2020	2080	2030	2090	2040	2100	2050	2110	2060	2120	2070	2130	2080	2140	2090	2150	2100	2160	2110	2170	2120	2180	2130	2190	2140	2200	2150	2210	2160	2220	2170	2230	2180	2240	2190	2250	2200	2260	2210	2270	2220	2280	2230	2290	2240	2300	2250	2310	2260	2320	2270	2330	2280	2340	2290	2350	2300	2360	2310	2370	2320	2380	2330	2390	2340	2400	2350	2410	2360	2420	2370	2430	2380	2440	2390	2450	2400	2460	2410	2470	2420	2480	2430	2490	2440	2500	2450	2510	2460	2520	2470	2530	2480	2540	2490	2550	2500	2560	2510	2570	2520	2580	2530	2590	2540	2600	2550	2610	2560	2620	2570	2630	2580	2640	2590	2650	2600	2660	2610	2670	2620	2680	2630	2690	2640	2700	2650	2710	2660	2720	2670	2730	2680	2740	2690	2750	2700	2760	2710	2770	2720	2780	2730	2790	2740	2800	2750	2810	2760	2820	2770	2830	2780	2840	2790	2850	2800	2860	2810	2870	2820	2880	2830	2890	2840	2900	2850	2910	2860	2920	2870	2930	2880	2940	2890	2950	2900	2960	2910	2970	2920	2980	2930	2990	2940	3000	2950	3010	2960	3020	2970	3030	2980	3040	2990	3050	3000	3060	3010	3070	3020	3080	3030	3090	3040	3100	3050	3110	3060	3120	3070	3130	3080	3140	3090	3150	3100	3160	3110	3170	3120	3180	3130	3190	3140	3200	3150	3210	3160	3220	3170	3230	3180	3240	3190	3250	3200	3260	3210	3270	3220	3280	3230	3290	3240	3300	3250	3310	3260	3320	3270	3330	3280	3340	3290	3350	3300	3360	3310	3370	3320	3380	3330	3390	3340	3400	3350	3410	3360	3420	3370	3430	3380	3440	3390	3450	3400	3460	3410	3470	3420	3480	3430	3490	3440	3500	3450	3510	3460	3520	3470	3530	3480	3540	3490	3550	3500	3560	3510	3570	3520	3580	3530	3590	3540	3600	3550	3610	3560	3620	3570	3630	3580	3640	3590	3650	3600	3660	3610	3670	3620	3680	3630	3690	3640	3700	3650	3710	3660	3720	3670	3730	3680	3740	3690	3750	3700	3760	3710	3770	3720	3780	3730	3790	3740	3800	3750	3810	3760	3820	3770	3830	3780	3840	3790	3850	3800	3860	3810	3870	3820	3880	3830	3890	3840	3900	3850	3910	3860	3920	3870	3930	3880	3940	3890	3950	3900	3960	3910	3970	3920	3980	3930	3990	3940	4000	3950	4010	3960	4020	3970	4030	3980	4040	3990	4050	4000	4060	4010	4070	4020	4080	4030	4090	4040	4100	4050	4110	4060	4120	4070	4130	4080	4140	4090	4150	4100	4160	4110	4170	4120	4180	4130	4190	4140	4200	4150	4210	4160	4220	4170	4230	4180	4240	4190	4250	4200	4260	4210	4270	4220	4280	4230	4290	4240	4300	4250	4310	4260	4320	4270	4330	4280	4340	4290	4350	4300	4360	4310	4370	4320	4380	4330	4390	4340	4400	4350	4410	4360	4420	4370	4430	4380	4440	4390	4450	4400	4460	4410	4470	4420	4480	4430	4490	4440	4500	4450	4510	4460	4520	4470	4530	4480	4540	4490	4550	4500	4560	4510	4570	4520	4580	4530	4590	4540	4600	4550	4610	4560	4620	4570	4630	4580	4640	4590	4650	4600	4660	4610	4670	4620	4680	4630	4690	4640	4700	4650	4710	4660	4720	4670	4730	4680	4740	4690	4750	4700	4760	4710	4770	4720	4780	4730	4790	4740	4800	4750	4810	4760	4820	4770	4830	4780	4840	4790	4850	4800	4860	4810	4870	4820	4880	4830	4890	4840	4900	4850	4910	4860	4920	4870	4930	4880	4940	4890	4950	4900	4960	4910	4970	4920	4980	4930	4990	4940	5000	4950	5010	4960	5020	4970	5030	4980	5040	4990	5050	5000	5060	5010	5070	5020	5080	5030	5090	5040	5100	5050	5110	5060	5120	5070	5130	5080	5140	5090	5150	5100	5160	5110	5170	5120	5180	5130	5190	5140	5200	5150	5210	5160	5220	5170	5230	5180	5240	5190	5250	5200	5260	5210	5270	5220	5280	5230	5290	5240	5300	5250	5310	5260	5320	5270	5330	5280	5340	5290	5350	5300	5360	5310	5370	5320	5380	5330	5390	5340	5400	5350	5410	5360	5420	5370	5430	5380	5440	5390	5450	5400	5460	5410	5470	5420	5480	5430	5490	5440	5500	5450	5510	5460	5520	5470	5530	5480	5540	5490	5550	5500	5560	5510	5570	5520	5580	5530	5590	5540	5600	5550	5610	5560	5620	5570	5630	5580	5640	5590	5650	5600	5660	5610	5670	5620	5680	5630	5690	5640	5700	5650	5710	5660	5720	5670	5730	5680	5740	5690	5750	5700	5760	5710	5770	5720	5780	5730	5790	5740	5800	5750	5810	5760	5820	5770	5830	5780	5840	5790	5850	5800	5860	5810	5870	5820	5880	5830	5890	5840	5900	5850	5910	5860	5920	5870	5930	5880	5940	5890	5950	5900	5960	5910	5970	5920	5980	5930	5990	5940	6000	5950	6010	5960	6020	5970	6030	5980	6040	5990	6050	6000	6060	6010	6070	6020	6080	6030	6090	6040	6100	6050	6110	6060	6120	6070	6130	6080	6140	6090	6150	6100	6160	6110	6170	6120	6180	6130	6190	6140	6200	6150	6210	6160	6220	6170	6230	6180	6240	6190	6250	6200	6260	6210	6270	6220	6280	6230	6290	6240	6300	6250	6310	6260	6320	6270	6330	6280	6340	6290	6350	6300	6360	6310	6370	6320	6380	6330	6390	6340	6400	6350	6410	6360	6420	6370	6430	6380	6440	6390	6450	6400	6460	6410	6470	6420	6480	6430	6490	6440	6500	6450	6510	6460	6520	6470	6530	6480	6540	6490	6550	6500	6560	6510	6570	6520	6580	6530	6590	6540	6600	6550	6610	6560	6620	6570	6630	6580	6640	6590	6650	6600	6660	6610	6670	6620	6680	6630	6690	6640	6700	6650	6710	6660	6720	6670	6730	6680	6740	6690	6750	6700	6760	6710	6770	6720	6780	6730	6790	6740	6800	6750	6810	6760	6820	6770	6830	6780	6840	6790	6850	6800	6860	6810	6870	6820	6880	6830	6890	6840	6900	6850	6910	6860	6920	6870	6930	6880	6940	6890	6950	6900	6960	6910	6970	6920	6980	6930	6990	6940	7000	6950	7010	6960	7020	6970	7030	6980	7040	6990	7050	7000	7060	7010	7070	7020	7080	7030	7090	7040	7100	7050	7110	7060	7120	7070	7130	7080	7140	7090	7150	7100	7160	7110	7170	7120	7180	7130	7190	7140	7200	7150	7210	7160	7220	7170	7230	7180	7240	7190	7250	7200	7260	7210	7270	7220	7280	7230	7290	7240	7300	7250	7310	7260	7320	7270	7330	7280	7340	7290	7350	7300	7360	7310	7370	7320	7380	7330

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 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS MALE	DAY ON TEST																								* TOTALS		
	0729	0607	0738	0629	0707	0452	0505	0772	0566	0777	0658	0564	0722	0723	0732	0720	0729	0720	0722	0592	0733	0729	0642	0764			
Control	ANIMAL ID																										
	00032	00033	00035	00036	00037	00039	00040	00041	00042	00043	00044	00046	00047	00048	00049	00050	00051	00052	00053	00054	00055	00056	00057	00058	00059		
Eye	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Lens, Degeneration																										3	2 3.0
Retina, Atrophy									3	2												3					8 2.9
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia															1												2 1.0
Lacrimal Gland																										1	
Hypertrophy																											1 3.0
URINARY SYSTEM																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst															3												1 3.0
Inflammation, Suppurative							2																				1 2.0
Inflammation, Chronic Active																								3			1 3.0
Nephropathy	3	1	1	1	3						1	3	1	2	2	2	2	1	3	1	2	1	3	3	1		41 1.8
Pelvis, Dilatation							3																				2 3.0
Pelvis, Inflammation, Suppurative											3																2 2.5
Pelvis, Inflammation, Chronic Active				2																							4 2.0
Pelvis, Mineralization	1	1				1			1							1		1		1			1			16 1.1	
Renal Tubule, Hyperplasia									1																		1 1.0
Renal Tubule, Mineralization							1																				1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Suppurative																								4			1 4.0
Necrosis							3																				1 3.0

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WISTAR HAN RATS MALE	DAY ON TEST																				ANIMAL ID	males (cont...)			
	0 5 1 9	0 6 6 0	0 7 2 9	0 7 3 0	0 5 2 1	0 7 2 9	0 7 3 0	0 7 3 0	0 7 2 9	0 7 3 0	0 5 2 9	0 7 3 0	0 7 2 9	0 7 3 0	0 7 2 9	0 7 3 0	0 4 8 6	0 7 0 9	0 6 4 7	0 5 9 3			0 6 0 1	0 6 0 3	0 7 3 0
3 mg/m3	0 2 0 1	0 0 0 2	0 0 0 4	0 0 0 5	0 0 0 0	0 0 0 1	0 0 0 2	0 0 0 3	0 0 0 4	0 0 0 5	0 0 0 6	0 0 0 8	0 0 0 9	0 0 0 0	0 0 0 1	0 0 0 2	0 0 0 4	0 0 0 5	0 0 0 6	0 0 0 7	0 0 0 8	0 0 0 9	0 0 0 0	0 0 0 1	0 0 0 2

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Intestine Small, Duodenum Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis						1								1											
Basophilic Focus						X								X		X									
Clear Cell Focus						X							X	X	X	X			X						X
Congestion	2			1	2																	1			
Cyst									3						2										
Eosinophilic Focus			X																						
Fatty Change	1									3				1											
Fibrosis																									
Hepatodiaphragmatic Nodule																									
Mineralization																									
Mixed Cell Focus																									
Necrosis																									

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WISTAR HAN RATS MALE 3 mg/m3	DAY ON TEST																				ANIMAL ID	males (cont...)			
	0519	0660	0779	0770	0521	0772	0773	0773	0773	0773	0572	0773	0773	0773	0773	0773	0773	0478	0779	0667			0565	0666	0667
Vein, Dilatation																									2
Mesentery Fat, Necrosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pancreas Atrophy Basophilic Focus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Salivary Glands Atrophy Basophilic Focus Inflammation, Suppurative	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach Hyperplasia, Squamous Inflammation, Suppurative	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Glandular Fibrosis Ulcer Arteriole, Mineralization	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Tongue																									
Tooth Inflammation, Suppurative																									

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
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	0519	0660	0779	0770	0571	0777	0777	0777	0777	0777	0575	0777	0777	0777	0777	0777	0777	0474	0776	0565			0666	0667	0777
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	6	2	3	2	2	3	3	2	2	3	2	3	2	2	3	3	8	2	0	4	9	0	3	2
	9	0	9	0	1	9	0	0	9	9	0	9	0	9	9	0	0	6	9	7	3	1	3	0	9
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3
	1	2	4	5	0	1	2	3	4	5	6	8	9	0	1	2	4	5	6	7	8	9	0	1	2

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Foreign Body	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Inflammation, Chronic Active				1									2												
Metaplasia, Squamous																									
Respiratory Epithelium, Hyperplasia				1								1													
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion																								1	
Fibrosis	1	1	2	1	1	1	1	1	2	1	2	1	1	2	1	1	1	2	2	2	2	1	2	1	
Foreign Body	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hemorrhage																								2	
Inflammation, Chronic Active	2	3	3	2	2	2	3	2	3	3	3	3	3	3	3	3	2	2	3	3	2	2	3	2	
Metaplasia, Osseous	1																							1	
Proteinosis		1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1		
Alveolar Epithelium, Hyperplasia	1	2	2	1	1	1	1	1	2	1	2	2	2	2	1	2	2	1	1	2	2	3	2	2	1
Alveolus, Inflammation, Suppurative										1	2					1	1								
Bronchiole, Epithelium, Hyperplasia	1		1	1		1	1		1	1	1	1	1	1			1			1			1	1	
Bronchus, Inflammation, Chronic Active																								1	
Bronchus, Metaplasia, Squamous																								1	
Perivascular, Infiltration Cellular, Lymphocyte								1		1	1				1	1	1			1	1	1		1	
Mediastinum																									
Artery, Inflammation, Chronic Active																									
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Inflammation, Suppurative																								1	1
Glands, Cyst											1														

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 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS MALE 3 mg/m3	DAY ON TEST																								* TOTALS
	0691	0730	0730	0733	0733	0738	0761	0774	0774	0774	0774	0774	0774	0774	0774	0774	0774	0774	0774	0774	0774	0774	0774	0774	
ANIMAL ID	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	
Vein, Dilatation																									1 2.0
Mesentery Fat, Necrosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 4 1.8
Pancreas Atrophy Basophilic Focus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 12 1.1 4
Salivary Glands Atrophy Basophilic Focus Inflammation, Suppurative	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 2 1.5 1 1 2.0
Stomach, Forestomach Hyperplasia, Squamous Inflammation, Suppurative	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 7 1.1 1 1.0
Stomach, Glandular Fibrosis Ulcer Arteriole, Mineralization	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1 3.0 1 3.0 1 1.0
Tongue																									1
Tooth Inflammation, Suppurative			+																						1 1 1.0

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
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WISTAR HAN RATS MALE 3 mg/m3	DAY ON TEST																								* TOTALS
	0691	0730	0730	0733	0733	0738	0738	0739	0739	0739	0739	0739	0739	0739	0739	0739	0739	0739	0739	0739	0739	0739	0739	0739	
ANIMAL ID	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	002333	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9

Mammary Gland Galactocele	M	+	M	+	M	M	M	M	M	M	+	M	M	+	M	M	M	M	M	M	M	M	+	M	9	1	3.0	
Skin Foreign Body	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1		
Inflammation, Chronic Active Ulcer	3	3		3		3	3			3	3	3		3	3	3		3	3	3		3	2	3	30	3.0		
Epidermis, Hyperplasia	4	2		2		4	4			4	2	1		4		4		2	2			4			23	2.9	1	4.0

MUSCULOSKELETAL SYSTEM

Bone Femur, Hyperostosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	1.0
Maxilla, Cyst, Squamous										4															1	4.0	
Maxilla, Inflammation, Chronic Active				1																					4	2.0	
Vertebra, Fibrosis						1																			1	1.0	
Skeletal Muscle Atrophy																									3	1	3.0

NERVOUS SYSTEM

Brain Compression	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	11	2.7
Peripheral Nerve Degeneration																									3	1	2.0
Spinal Cord																									3		

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 Lab: BNW

WISTAR HAN RATS MALE 3 mg/m3	DAY ON TEST																				* TOTALS	
	0691	0730	0733	0733	0738	0762	0779	0799	0799	0799	0799	0799	0799	0799	0799	0799	0799	0799	0799	0799		0799
ANIMAL ID	002333	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233	002233
Olfactory Epithelium, Accumulation, Hyaline Droplet		3	1				2						1					2	2		2	15 1.8
Olfactory Epithelium, Metaplasia, Respiratory Epithelium, Hyperplasia	1						1		1	1					1			1	1	2		1 1.0 15 1.1
Trachea Foreign Body	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 28
Inflammation, Suppurative							1	2														3 1.3
Metaplasia, Squamous Epithelium, Hyperplasia	2						1															1 1.0 1 2.0
SPECIAL SENSES SYSTEM																						
Eye Lens, Degeneration	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49 5 1.4
Retina, Atrophy						3				2				2	3				3	3	3	11 2.7
Harderian Gland Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1 1.0
URINARY SYSTEM																						
Kidney Amyloid Deposition	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1 2.0
Cyst														4	2							2 3.0
Infarct			1																			1 1.0
Nephropathy	1	1	3		1	1		3	3	2	1	1		1	2		1	3	1	2	2	3 2
Thrombosis																						1 3.0
Pelvis, Dilatation																						2 2.5
Pelvis, Inflammation, Suppurative																						3 2.3
Pelvis, Mineralization													1			1	1			2	3	10 1.5

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 Lab: BNW

		DAY ON TEST																				males (cont...)		
WISTAR HAN RATS MALE	10 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
		7	5	7	7	6	7	7	7	7	7	7	6	7	6	7	7	7	7	7	6		7	5
		3	8	2	2	8	3	3	2	2	3	3	1	4	3	4	2	1	2	0	3	2	0	3
		0	9	9	9	2	0	0	9	9	0	0	9	9	0	6	9	4	9	5	0	9	7	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	
		1	2	4	5	0	1	2	3	4	5	6	7	8	9	0	1	2	4	5	6	7	8	
																							0	
																							1	

Depletion Cellular
 Epithelial Cell, Hyperplasia

2

INTEGUMENTARY SYSTEM

Mammary Gland Galactocele	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active			3	3	3	3			3		3	3		3	2		2	3	3	3	3	3	3
Ulcer			1	3	4	4			3		3	3		3			4	2	1	4	3		4
Subcutaneous Tissue, Inflammation, Granulomatous																							
Subcutaneous Tissue, Inflammation, Chronic Active									2														

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active					2																		
Epiphysis, Femur, Cyst																							
Mandible, Cyst, Squamous					4																		
Maxilla, Inflammation, Chronic Active																							
Skeletal Muscle Necrosis																							

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression															3	3			1				3

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WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST																				ANIMAL ID	males (cont...)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	0730	0738	0739	0742	0748	0753	0757	0772	0779	0783	0789	0790	0793	0799	0800	0803	0806	0807	0813	0817			0820	0823	0829	0830	0833	0839	0840	0843	0849	0850	0853	0857	0860	0863	0869	0870	0873	0879	0880	0883	0889	0890	0893	0899	0900	0903	0906	0907	0913	0917	0920	0923	0929	0930	0933	0939	0940	0943	0949	0950	0953	0957	0960	0963	0969	0970	0973	0979	0980	0983	0989	0990	0993	0999	1000	1003	1006	1007	1013	1017	1020	1023	1029	1030	1033	1039	1040	1043	1049	1050	1053	1057	1060	1063	1069	1070	1073	1079	1080	1083	1089	1090	1093	1099	1100	1103	1106	1107	1113	1117	1120	1123	1129	1130	1133	1139	1140	1143	1149	1150	1153	1157	1160	1163	1169	1170	1173	1179	1180	1183	1189	1190	1193	1199	1200	1203	1206	1207	1213	1217	1220	1223	1229	1230	1233	1239	1240	1243	1249	1250	1253	1257	1260	1263	1269	1270	1273	1279	1280	1283	1289	1290	1293	1299	1300	1303	1306	1307	1313	1317	1320	1323	1329	1330	1333	1339	1340	1343	1349	1350	1353	1357	1360	1363	1369	1370	1373	1379	1380	1383	1389	1390	1393	1399	1400	1403	1406	1407	1413	1417	1420	1423	1429	1430	1433	1439	1440	1443	1449	1450	1453	1457	1460	1463	1469	1470	1473	1479	1480	1483	1489	1490	1493	1499	1500	1503	1506	1507	1513	1517	1520	1523	1529	1530	1533	1539	1540	1543	1549	1550	1553	1557	1560	1563	1569	1570	1573	1579	1580	1583	1589	1590	1593	1599	1600	1603	1606	1607	1613	1617	1620	1623	1629	1630	1633	1639	1640	1643	1649	1650	1653	1657	1660	1663	1669	1670	1673	1679	1680	1683	1689	1690	1693	1699	1700	1703	1706	1707	1713	1717	1720	1723	1729	1730	1733	1739	1740	1743	1749	1750	1753	1757	1760	1763	1769	1770	1773	1779	1780	1783	1789	1790	1793	1799	1800	1803	1806	1807	1813	1817	1820	1823	1829	1830	1833	1839	1840	1843	1849	1850	1853	1857	1860	1863	1869	1870	1873	1879	1880	1883	1889	1890	1893	1899	1900	1903	1906	1907	1913	1917	1920	1923	1929	1930	1933	1939	1940	1943	1949	1950	1953	1957	1960	1963	1969	1970	1973	1979	1980	1983	1989	1990	1993	1999	2000	2003	2006	2007	2013	2017	2020	2023	2029	2030	2033	2039	2040	2043	2049	2050	2053	2057	2060	2063	2069	2070	2073	2079	2080	2083	2089	2090	2093	2099	2100	2103	2106	2107	2113	2117	2120	2123	2129	2130	2133	2139	2140	2143	2149	2150	2153	2157	2160	2163	2169	2170	2173	2179	2180	2183	2189	2190	2193	2199	2200	2203	2206	2207	2213	2217	2220	2223	2229	2230	2233	2239	2240	2243	2249	2250	2253	2257	2260	2263	2269	2270	2273	2279	2280	2283	2289	2290	2293	2299	2300	2303	2306	2307	2313	2317	2320	2323	2329	2330	2333	2339	2340	2343	2349	2350	2353	2357	2360	2363	2369	2370	2373	2379	2380	2383	2389	2390	2393	2399	2400	2403	2406	2407	2413	2417	2420	2423	2429	2430	2433	2439	2440	2443	2449	2450	2453	2457	2460	2463	2469	2470	2473	2479	2480	2483	2489	2490	2493	2499	2500	2503	2506	2507	2513	2517	2520	2523	2529	2530	2533	2539	2540	2543	2549	2550	2553	2557	2560	2563	2569	2570	2573	2579	2580	2583	2589	2590	2593	2599	2600	2603	2606	2607	2613	2617	2620	2623	2629	2630	2633	2639	2640	2643	2649	2650	2653	2657	2660	2663	2669	2670	2673	2679	2680	2683	2689	2690	2693	2699	2700	2703	2706	2707	2713	2717	2720	2723	2729	2730	2733	2739	2740	2743	2749	2750	2753	2757	2760	2763	2769	2770	2773	2779	2780	2783	2789	2790	2793	2799	2800	2803	2806	2807	2813	2817	2820	2823	2829	2830	2833	2839	2840	2843	2849	2850	2853	2857	2860	2863	2869	2870	2873	2879	2880	2883	2889	2890	2893	2899	2900	2903	2906	2907	2913	2917	2920	2923	2929	2930	2933	2939	2940	2943	2949	2950	2953	2957	2960	2963	2969	2970	2973	2979	2980	2983	2989	2990	2993	2999	3000	3003	3006	3007	3013	3017	3020	3023	3029	3030	3033	3039	3040	3043	3049	3050	3053	3057	3060	3063	3069	3070	3073	3079	3080	3083	3089	3090	3093	3099	3100	3103	3106	3107	3113	3117	3120	3123	3129	3130	3133	3139	3140	3143	3149	3150	3153	3157	3160	3163	3169	3170	3173	3179	3180	3183	3189	3190	3193	3199	3200	3203	3206	3207	3213	3217	3220	3223	3229	3230	3233	3239	3240	3243	3249	3250	3253	3257	3260	3263	3269	3270	3273	3279	3280	3283	3289	3290	3293	3299	3300	3303	3306	3307	3313	3317	3320	3323	3329	3330	3333	3339	3340	3343	3349	3350	3353	3357	3360	3363	3369	3370	3373	3379	3380	3383	3389	3390	3393	3399	3400	3403	3406	3407	3413	3417	3420	3423	3429	3430	3433	3439	3440	3443	3449	3450	3453	3457	3460	3463	3469	3470	3473	3479	3480	3483	3489	3490	3493	3499	3500	3503	3506	3507	3513	3517	3520	3523	3529	3530	3533	3539	3540	3543	3549	3550	3553	3557	3560	3563	3569	3570	3573	3579	3580	3583	3589	3590	3593	3599	3600	3603	3606	3607	3613	3617	3620	3623	3629	3630	3633	3639	3640	3643	3649	3650	3653	3657	3660	3663	3669	3670	3673	3679	3680	3683	3689	3690	3693	3699	3700	3703	3706	3707	3713	3717	3720	3723	3729	3730	3733	3739	3740	3743	3749	3750	3753	3757	3760	3763	3769	3770	3773	3779	3780	3783	3789	3790	3793	3799	3800	3803	3806	3807	3813	3817	3820	3823	3829	3830	3833	3839	3840	3843	3849	3850	3853	3857	3860	3863	3869	3870	3873	3879	3880	3883	3889	3890	3893	3899	3900	3903	3906	3907	3913	3917	3920	3923	3929	3930	3933	3939	3940	3943	3949	3950	3953	3957	3960	3963	3969	3970	3973	3979	3980	3983	3989	3990	3993	3999	4000	4003	4006	4007	4013	4017	4020	4023	4029	4030	4033	4039	4040	4043	4049	4050	4053	4057	4060	4063	4069	4070	4073	4079	4080	40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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST																								ANIMAL ID	males (cont...)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	0730	0738	0739	0742	0748	0752	0753	0757	0759	0760	0762	0763	0764	0766	0767	0769	0770	0771	0772	0773	0774	0775	0776	0777			0778	0779	0780	0781	0782	0783	0784	0785	0786	0787	0788	0789	0790	0791	0792	0793	0794	0795	0796	0797	0798	0799	0800	0801	0802	0803	0804	0805	0806	0807	0808	0809	0810	0811	0812	0813	0814	0815	0816	0817	0818	0819	0820	0821	0822	0823	0824	0825	0826	0827	0828	0829	0830	0831	0832	0833	0834	0835	0836	0837	0838	0839	0840	0841	0842	0843	0844	0845	0846	0847	0848	0849	0850	0851	0852	0853	0854	0855	0856	0857	0858	0859	0860	0861	0862	0863	0864	0865	0866	0867	0868	0869	0870	0871	0872	0873	0874	0875	0876	0877	0878	0879	0880	0881	0882	0883	0884	0885	0886	0887	0888	0889	0890	0891	0892	0893	0894	0895	0896	0897	0898	0899	0900	0901	0902	0903	0904	0905	0906	0907	0908	0909	0910	0911	0912	0913	0914	0915	0916	0917	0918	0919	0920	0921	0922	0923	0924	0925	0926	0927	0928	0929	0930	0931	0932	0933	0934	0935	0936	0937	0938	0939	0940	0941	0942	0943	0944	0945	0946	0947	0948	0949	0950	0951	0952	0953	0954	0955	0956	0957	0958	0959	0960	0961	0962	0963	0964	0965	0966	0967	0968	0969	0970	0971	0972	0973	0974	0975	0976	0977	0978	0979	0980	0981	0982	0983	0984	0985	0986	0987	0988	0989	0990	0991	0992	0993	0994	0995	0996	0997	0998	0999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495	1496	1497	1498	1499	1500	1501	1502	1503	1504	1505	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515	1516	1517	1518	1519	1520	1521	1522	1523	1524	1525	1526	1527	1528	1529	1530	1531	1532	1533	1534	1535	1536	1537	1538	1539	1540	1541	1542	1543	1544	1545	1546	1547	1548	1549	1550	1551	1552	1553	1554	1555	1556	1557	1558	1559	1560	1561	1562	1563	1564	1565	1566	1567	1568	1569	1570	1571	1572	1573	1574	1575	1576	1577	1578	1579	1580	1581	1582	1583	1584	1585	1586	1587	1588	1589	1590	1591	1592	1593	1594	1595	1596	1597	1598	1599	1600	1601	1602	1603	1604	1605	1606	1607	1608	1609	1610	1611	1612	1613	1614	1615	1616	1617	1618	1619	1620	1621	1622	1623	1624	1625	1626	1627	1628	1629	1630	1631	1632	1633	1634	1635	1636	1637	1638	1639	1640	1641	1642	1643	1644	1645	1646	1647	1648	1649	1650	1651	1652	1653	1654	1655	1656	1657	1658	1659	1660	1661	1662	1663	1664	1665	1666	1667	1668	1669	1670	1671	1672	1673	1674	1675	1676	1677	1678	1679	1680	1681	1682	1683	1684	1685	1686	1687	1688	1689	1690	1691	1692	1693	1694	1695	1696	1697	1698	1699	1700	1701	1702	1703	1704	1705	1706	1707	1708	1709	1710	1711	1712	1713	1714	1715	1716	1717	1718	1719	1720	1721	1722	1723	1724	1725	1726	1727	1728	1729	1730	1731	1732	1733	1734	1735	1736	1737	1738	1739	1740	1741	1742	1743	1744	1745	1746	1747	1748	1749	1750	1751	1752	1753	1754	1755	1756	1757	1758	1759	1760	1761	1762	1763	1764	1765	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST																				* TOTALS			
	0682	0718	0729	0729	0697	0179	0770	0773	0773	0564	0613	0479	0771	0773	0667	0567	0730	0730	0732	0739		0739	0572	0729
ANIMAL ID	00432	00443	00443	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Rectum Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	1 1.0
Intestine Small, Duodenum Fibrosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 1.0
Intestine Small, Ileum Inflammation, Chronic Active Necrosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 1.0 1 3.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																									4 1.8
Basophilic Focus																									5
Clear Cell Focus	X		X				X					X		X									X		15
Congestion				2																	2				6 1.5
Cyst																									2 2.5
Eosinophilic Focus												X													1
Fatty Change			3																1			1			4 1.5
Hepatodiaphragmatic Nodule												X													3
Inflammation, Chronic Active																									1 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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 Lab: BNW

WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST																				* TOTALS					
	0682	0718	0729	0729	0697	0179	0770	0770	0775	0663	0143	0749	0771	0773	0666	0573	0770	0773	0773	0573		0772	0773	0572	0776	0779
ANIMAL ID	00432	00443	00443	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	
Necrosis																										1 1.0
Bile Duct, Dilatation																										1 1.0
Mesentery	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Fat, Necrosis																									3 2.0	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Atrophy	1									2			1				1	1			1		1	14 1.2		
Inflammation, Chronic Active																					1			2 1.5		
Arteriole, Inflammation, Chronic Active																								1 1.0		
Artery, Hemorrhage															2									1 2.0		
Artery, Inflammation, Chronic Active									1								4							2 2.5		
Artery, Necrosis																	2							1 2.0		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia, Squamous			1																	3			1	4 1.5		
Inflammation, Chronic Active																								1 1.0		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Inflammation, Chronic Active																								1 1.0		
Metaplasia, Squamous																							1	1 1.0		
Mineralization															1									1 1.0		
Tooth																								1		
Inflammation, Chronic Active																								1 3.0		

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
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* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Experiment Number: 20601 - 03
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 Species/Strain: RATS/Wistar Han

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WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST																				* TOTALS		
	062	078	079	079	067	017	077	077	077	055	066	014	047	077	077	066	055	077	077	077		055	077
ANIMAL ID	004	004	004	004	004	004	004	004	004	004	004	004	004	004	004	004	004	004	004	004	004		
Angiomatous Hyperplasia																						1	
Mineralization																1							1
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy		1	1	2	1	2	1	3	2	1	2		1	1	1	1	2	1	2	1		42	
Hemorrhage											2											1	
Valve, Fibrosis																		2				1	
ENDOCRINE SYSTEM																							
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Accessory Adrenal Cortical Nodule											2											1	
Atrophy																		3	3			2	
Degeneration, Cystic																						1	
Hyperplasia	2	2	3		3		3	1		2				2	3	4			2	1	2	33	
Adrenal Medulla	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia									1							1			2			4	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	46	
Fibrosis																						1	
Hyperplasia																						1	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Hyperplasia			2	1	1		1			1												14	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
C-cell, Hyperplasia													4	2		4			3	4	1	2	

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 + .. Tissue examined microscopically
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WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST																				* TOTALS		
	0682	0718	0729	0729	0659	0179	0770	0773	0773	0554	0664	0143	0479	0773	0770	0666	0557	0770	0773	0773		0557	0772
ANIMAL ID	004322	004433	004435	004436	004437	004439	004440	004441	004442	004443	004444	004445	004446	004447	004448	004449	004450	004451	004452	004453	004454	004455	
Hyperplasia, Plasma Cell																						1	
Iliac, Ectasia															3				2				2
Iliac, Hyperplasia, Plasma Cell																					3		1
Lumbar, Hyperplasia, Plasma Cell	2																	3					2
Pancreatic, Congestion															1								1
Lymph Node, Bronchial	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Ectasia																		2					1
Foreign Body	X	X	X	X	X		X	X	X	X	X	X	X	X		X		X	X	X	X	X	45
Hyperplasia, Lymphoid	1		2	1			2		1	2	1	1	1					1		2	2	1	29
Pigmentation														1		1						1	5
Lymph Node, Mandibular	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hyperplasia, Plasma Cell													3										2
Lymph Node, Mediastinal	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Foreign Body		X	X		X		X	X	X	X		X	X	X	X	X		X	X	X		X	41
Hyperplasia, Lymphoid			2		2		1	1	2	1		1	2	1	1	2		1	1	2		1	30
Pigmentation	2	1	1			1		1	2				1		1		1		2	2	1		29
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Fibrosis								2															1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Depletion Cellular																		2					1
Depletion Cellular, Focal		3																					1
Fibrosis							1																1
Hematopoietic Cell Proliferation	2	3		2	2		1	2	3	3	1	2		1	1	1	2		1	1	3	2	43
Thymus	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Cyst																							1

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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST																								* TOTALS
	0682	0718	0729	0729	0615	0717	0773	0773	0553	0663	0141	0477	0777	0777	0666	0555	0777	0777	0777	0777	0555	0777			
ANIMAL ID	00432	00443	00443	00443	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	6	7	7	7	6	1	7	7	7	5	6	1	4	7	7	7	6	5	7	7	7	7			
	8	1	2	2	9	5	3	3	2	3	8	1	9	3	1	3	9	3	3	0	3	2			
	2	8	9	9	7	9	0	0	9	4	4	3	9	0	6	0	6	7	0	5	0	9			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5			
	2	3	5	6	7	9	0	1	2	3	6	7	8	9	0	1	2	3	4	5	6	7			

Depletion Cellular Epithelial Cell, Hyperplasia	1	1	1	1	2	6	1.3
						3	1.3.0

INTEGUMENTARY SYSTEM

Mammary Gland Galactocele	M	M	M	M	+	M	M	M	+	M	M	M	M	M	+	M	+	M	M	M	M	M	M	M	M	7	1	2.0	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Inflammation, Chronic Active	3		3	3	3		3		3		2	3							3	3		3	3				28	2.9	
Ulcer	4		2		4		3		4		4								1	2		3	3				23	3.0	
Subcutaneous Tissue, Inflammation, Granulomatous					4																						1	4.0	
Subcutaneous Tissue, Inflammation, Chronic Active																											1	2.0	

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Inflammation, Chronic Active																												1	2.0
Epiphysis, Femur, Cyst				1																								1	1.0
Mandible, Cyst, Squamous																												1	4.0
Maxilla, Inflammation, Chronic Active								1																	2		2	1.5	
Skeletal Muscle Necrosis		+								+								+									3		
		3																									1	3.0	

NERVOUS SYSTEM

Brain Compression	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	8	2.8
										3			3	3											3					

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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST																				* TOTALS									
	0682	0718	0729	0729	0657	0719	0773	0773	0773	0773	0564	0614	0747	0777	0777	0665	0573	0777	0777	0777		0575	0777							
ANIMAL ID	00432	00443	00443	00443	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444								
Meninges, Hyperplasia																							2	1 2.0						
Peripheral Nerve Degeneration		+																						+	2	1 1.0				
Spinal Cord																									+	1				
RESPIRATORY SYSTEM																														
Larynx																											50			
Foreign Body	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	50		
Inflammation, Chronic Active																												2	2 2.0	
Mineralization																											1	1 1.0		
Respiratory Epithelium, Hyperplasia																												1	1.0	
Lung																												50		
Fibrosis	2	1	2	1	2		1	2	1	2	2	1	2	2	2	2	2	1	1	1	2	2	1	2				49	1.6	
Foreign Body	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		50	
Hemorrhage																													1	1.0
Inflammation, Chronic Active	3	1	3	2	3	2	2	3	2	4	3	2	2	3	3	3	4	2	2	2	3	3	2	3				50	2.7	
Metaplasia, Osseous																													2	1.0
Proteinosis	2	3	3	2	1	1	3	2	3	1	2	1	1	2	1	1	2	1	2	3	2	2	2	1	2			50	1.9	
Alveolar Epithelium, Hyperplasia	3		2	1	2		1	2	1	2	2	1	2	4	2	2	4	4	1	1	1	2	2	1	2			48	2.1	
Alveolar Epithelium, Metaplasia, Squamous																													1	1.0
Alveolus, Inflammation, Suppurative			2	1	2					2	1				1	1				2		2						24	1.4	
Artery, Inflammation, Chronic Active																													1	1.0
Bronchiole, Epithelium, Hyperplasia	1		1	1	1			1	1	2	1				1	1	1	1		1		1	1	1	1			36	1.1	
Perivascular, Infiltration Cellular, Lymphocyte			1	1	1		1			2	1						2												19	1.2
Mediastinum																													2	
Artery, Inflammation, Chronic Active																													2	2.5

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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS MALE 10 mg/m3	DAY ON TEST																								* TOTALS
	0682	0781	0772	0772	0695	0713	0773	0773	0553	0662	0613	0419	0773	0773	0666	0557	0773	0773	0773	0773	0573	0773	0573	0773	
ANIMAL ID	00432	00443	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	00444	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	
	2	3	5	6	7	9	0	1	2	3	6	7	8	9	0	1	2	3	4	5	6	7	8	9	

Harderian Gland Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	2.0		
Lacrimal Gland Atrophy																										1	2	1	2.0

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50																						
Accumulation, Hyaline Droplet																										3	1	3.0																			
Cyst																										2	3	2.0																			
Infarct																										3	2	3.0																			
Nephropathy																										3	2	2	2	2	3	3	2	2	3	4	1	2	3	2	2	2	1	2	40	2.0	
Artery, Inflammation, Chronic Active																																															
Artery, Necrosis																																															
Pelvis, Dilatation																																															
Pelvis, Inflammation, Suppurative																																															
Pelvis, Inflammation, Chronic Active																																															
Pelvis, Mineralization																																															
Renal Tubule, Accumulation, Hyaline Droplet																																															
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50																						

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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
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 Lab: BNW

WISTAR HAN RATS MALE 30 mg/m3	DAY ON TEST																				ANIMAL ID	males (cont...)					
	0691	0730	0730	0688	0494	0670	0771	0676	0771	0677	0774	0667	0770	0575	0575	0727	0666	0666	0578	0773			0688	0770	0680	0775	0692
Adrenal Medulla Degeneration, Fatty Hyperplasia Thrombosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
		2																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland Hyperplasia	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland Pars Distalis, Hyperplasia Pars Intermedia, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
						2	3		2		3								2	1						4	
Thyroid Gland C-cell, Hyperplasia Follicular Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
			4				4		2											1			1				
GENERAL BODY SYSTEM																											
Tissue NOS																											
GENITAL SYSTEM																											
Coagulating Gland Inflammation, Chronic Active																											
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
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 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS MALE 30 mg/m3	DAY ON TEST																				ANIMAL ID	males (cont...)		
	0691	0730	0730	0680	0498	0679	0771	0676	0771	0677	0746	0674	0767	0555	0555	0727	0666	0666	0666	0577			0667	0767
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	7	7	6	4	6	7	7	6	7	7	4	6	7	5	5	7	6	6	6	5	7	6	7
	9	3	3	8	9	4	0	1	7	2	2	5	0	3	9	3	2	7	2	8	8	3	8	0
	1	0	0	0	8	9	5	1	3	9	9	9	7	0	0	4	6	3	1	2	6	0	2	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3
	1	2	4	5	0	1	2	3	4	5	6	7	8	9	0	1	2	4	5	6	7	8	9	0
Hyperplasia, Lymphoid Pigmentation	1				1	1	2		1				1	3		1		1	1	1		1		
Lymph Node, Mandibular	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Lymph Node, Mediastinal Congestion	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+
Foreign Body Hyperplasia	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hyperplasia, Lymphoid Pigmentation	1				1	1			1	2	3	1	2		1		1	2		1	1	2		
		1		2				1		1	2	2		1	1	1		1	2	2		1	1	1
Lymph Node, Mesenteric Angiomatous Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ectasia					4							2												
Fibrosis																								
Hemorrhage																								
Artery, Inflammation, Chronic Active															1									
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Depletion Cellular					3																			
Hematopoietic Cell Proliferation	1	2		3		2	3	1	3	1		3	3	1	3	3	1	2	2	2	2	2	3	2
Mineralization																					1			
Thymus	I	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Depletion Cellular				2	3											2								

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	+	M	M	M	M	M	M	M	M	+	M	+	M	+	M	+	M	M	+	M	M	M
---------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
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WISTAR HAN RATS MALE 30 mg/m3	DAY ON TEST																				ANIMAL ID	males (cont...)		
	0691	0730	0730	0688	0494	0670	0771	0676	0773	0677	0742	0664	0767	0555	0557	0727	0666	0666	0565	0776			0677	0777
Inflammation, Chronic Active																							4	
Metaplasia, Osseous																								
Nephropathy	1	4	1	1		2		2	2	1	2			1	2	2	2	3	2			1	2	2
Artery, Inflammation, Chronic Active																								
Artery, Necrosis																								
Papilla, Necrosis																								
Pelvis, Dilatation																								
Pelvis, Inflammation, Suppurative																								
Pelvis, Inflammation, Chronic Active																								
Pelvis, Mineralization																								
Renal Tubule, Accumulation, Hyaline Droplet																								
Renal Tubule, Hyperplasia																								
Renal Tubule, Mineralization																								
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Calculus Gross Observation																								
Hemorrhage																								
Serosa, Inflammation, Chronic Active																								
Transitional Epithelium, Hyperplasia																								

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WISTAR HAN RATS MALE	DAY ON TEST																								* TOTALS
	0729	0730	0734	0739	0742	0746	0750	0754	0758	0762	0766	0770	0774	0778	0782	0786	0790	0794	0798	0802	0806	0810	0814	0818	
30 mg/m3	00632	00633	00635	00636	00637	00639	00640	00641	00642	00643	00646	00647	00648	00649	00650	00651	00652	00653	00654	00655	00656	00657	00658	00659	50

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum Necrosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	1 3.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Rectum Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	1 1.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	
Intestine Small, Ileum Hemorrhage	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	1 2.0
Intestine Small, Ileum Inflammation, Suppurative																										1 3.0
Intestine Small, Ileum Epithelium, Atrophy																										1 3.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																										1 1.0
Basophilic Focus																										1
Clear Cell Focus			X	X				X	X														X			8
Congestion																										6 1.5
Cyst																										1 2.0
Eosinophilic Focus								X																		2
Fatty Change																										3 1.3
Fibrosis																										1 1.0

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 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS MALE 30 mg/m3	DAY ON TEST																				* TOTALS		
	0729	0730	0734	0739	0742	0746	0750	0754	0758	0762	0766	0770	0774	0778	0782	0786	0790	0794	0798	0802		0806	
ANIMAL ID	00632	00633	00635	00636	00637	00639	00640	00641	00642	00643	00644	00645	00646	00647	00648	00649	00650	00651	00652	00653	00654		
Hematopoietic Cell Proliferation																						1 1.0	
Hepatodiaphragmatic Nodule																						1	
Inflammation, Chronic Active				3																		1 3.0	
Necrosis				2								1										2 1.5	
Bile Duct, Cyst, Multiple																						1 4.0	
Bile Duct, Hyperplasia				3																		3 2.0	
Mesentery	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Artery, Inflammation, Chronic Active						1									4		2					6 2.2	
Artery, Necrosis					1										2		2					3 1.7	
Fat, Necrosis											2											2 2.0	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy			2			1		2	1	1					2		3		2		1	3 1	20 1.7
Inflammation, Chronic Active							1												2			2 1.5	
Arteriole, Inflammation, Chronic Active											1											1 1.0	
Artery, Inflammation, Chronic Active															4	2	4					8 3.1	
Artery, Necrosis															2		2					4 2.0	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																						2 1.5	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Edema				4		3																2 3.5	
Hyperplasia, Squamous			1		4														1	1		7 2.0	
Ulcer					3																	1 3.0	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Edema					3																	1 3.0	
Erosion												4										1 4.0	
Hemorrhage												2										1 2.0	

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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

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 Lab: BNW

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	0729	0730	0734	0739	0742	0746	0749	0753	0757	0761	0765	0769	0773	0777	0781	0785	0789	0793	0797	0801	0805	0809	0813	0817	
ANIMAL ID	00632	00635	00636	00637	00638	00639	00640	00641	00642	00643	00644	00645	00646	00647	00648	00649	00650	00651	00652	00653	00654	00655	00656	00657	
Inflammation, Chronic Active Mineralization Capillary, Hyperplasia			2							3											1				
Tongue Epithelium, Hyperplasia										+														1	
Tooth Inflammation, Chronic Active																								1	
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																								1 2.0	
Cardiomyopathy	2	2	1	1	1		1	1	1	1	1	1	1	2	2	2	2	1	1	2	1	1	2	40 1.4	
Inflammation, Chronic Active																								1 3.0	
Thrombosis																								2 3.5	
Artery, Inflammation, Chronic Active		2																						1 2.0	
Valve, Inflammation, Suppurative							3																	1 3.0	
Valve, Thrombosis																	3						3	2 3.0	
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis	1																				1			3 1.0	
Degeneration, Cystic																								3 1.7	
Hematopoietic Cell Proliferation																								1 1.0	
Hyperplasia		2	2	3	1	3	4	1	2	2	2	3		1		2				3	2	2	1	32 1.9	

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 Species/Strain: RATS/Wistar Han

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ANIMAL ID	00632	00633	00635	00667	00669	00670	00671	00672	00673	00674	00675	00676	00677	00678	00679	00680	00681	00682	00683	00684	00685	
Adrenal Medulla Degeneration, Fatty Hyperplasia Thrombosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
	2				1	2				2								1				1 2.0 8 1.5 1 1.0
Islets, Pancreatic	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Parathyroid Gland Hyperplasia	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
																						1 3.0
Pituitary Gland Pars Distalis, Hyperplasia Pars Intermedia, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
			2			3	3	1	2		2		2	1						2		15 2.2 1 2.0
Thyroid Gland C-cell, Hyperplasia Follicular Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
		2									2											6 2.3 2 2.0
GENERAL BODY SYSTEM																						
Tissue NOS																						1
GENITAL SYSTEM																						
Coagulating Gland Inflammation, Chronic Active																						1
																						1 3.0
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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Inflammation, Chronic Active	1																					4 1.5
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation, Suppurative													1			3			1		1	4 1.5
Inflammation, Chronic Active										2												3 2.3
Epithelium, Hyperplasia	2		1		2				3			2		1					2		1	13 1.7
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Congestion						4																1 4.0
Inflammation, Chronic Active																						1 3.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Edema	1		2		1			1			1	1		3				1	1		1	26 1.4
Germinal Epithelium, Degeneration				1												2						4 1.5

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia														1			1					8 1.0
Lymph Node			+											+						+		7
Axillary, Infiltration Cellular, Histiocyte			1																			1 1.0
Iliac, Hyperplasia, Plasma Cell																						1 3.0
Lumbar, Ectasia																						1 3.0
Lumbar, Hyperplasia, Plasma Cell																				2		3 1.7
Lumbar, Infiltration Cellular, Histiocyte															1							1 1.0
Renal, Ectasia				3																		2 3.0
Renal, Infiltration Cellular, Histiocyte															2							1 2.0
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	47
Foreign Body	X	X	X		X		X	X	X		X	X	X	X	X	X		X	X	X	X	42

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ANIMAL ID	00632	00633	00635	00636	00637	00639	00640	00641	00642	00643	00644	00645	00646	00647	00648	00649	00650	00651	00652	00653	00654	00655	00656	00657		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Inflammation, Chronic Active	3		3			3	3		2	3	3	3			3		3	3	3			3	3	3	32 3.0	
Ulcer	4		2			2	1			4	4	3			3		3	2	4			4	4	2	28 3.1	
Hair Follicle, Hyperplasia												3												1 3.0		
Subcutaneous Tissue, Inflammation, Chronic Active															2									1 2.0		
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Maxilla, Inflammation, Chronic Active											2													1 2.0		
Skeletal Muscle				+							+													5		
Cyst																								1 3.0		
Inflammation, Chronic Active										4														1 4.0		
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Compression				3																		3		2 3.0		
Meninges, Hyperplasia													1											1 1.0		
RESPIRATORY SYSTEM																										
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Foreign Body	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	50		
Hyperplasia, Squamous								2										2						2 2.0		
Inflammation, Chronic Active								2				2												4 2.0		
Metaplasia, Squamous																								1 1.0		
Necrosis								1																1 1.0		

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Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Fibrosis	2	2	1	1	2	2	3	2	1	1	2	2	1	2	1	1	1	1	2	2	2	2	3	2	1	49 1.7
Foreign Body	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	50	
Hemorrhage																							1		3 1.0	
Inflammation, Chronic Active	3	3	2	2	2	2	4	4	3	2	4	3	3	2	3	2	2	3	3	3	3	4	3	1	50 2.8	
Metaplasia, Osseous	1										1		1						1				1		9 1.1	
Proteinosis	3	3	4	3	3	2	3	1	2	3	3	3	3	2	3	2	3	3	3	3	3	3	3	2	3	50 2.7
Alveolar Epithelium, Hyperplasia	4	2	1	1	2	2	3	2	3	1	3	3	3	2	1	2	1	1	3	3	4	4		2	1	49 2.2
Alveolus, Inflammation, Suppurative	2						2	1			2	1				1		1		1	2	2	1		1	28 1.7
Artery, Inflammation, Chronic Active																										1 2.0
Bronchiole, Epithelium, Hyperplasia	2	2					2	1		2	1	1	1		1	1		1		2		1			33 1.5	
Bronchus, Hyperplasia																										1 3.0
Perivascular, Infiltration Cellular, Lymphocyte									1		1		1					1	1			1				9 1.1
Perivascular, Infiltration Cellular, Lymphoid																										1 1.0
Mediastinum	+										+					+	+							+	10	
Artery, Inflammation, Chronic Active	2										2					3	3							3	10 2.3	
Artery, Necrosis	1										2					2	4							2	9 1.8	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Foreign Body	X	X	X	X		X	X	X		X		X	X	X	X		X	X	X	X	X		X	X	40	
Inflammation, Suppurative											1								1					2	7 1.6	
Inflammation, Acute						1																			1 1.0	
Inflammation, Chronic Active																									1 1.0	
Glands, Respiratory Epithelium, Cyst																									2	
Olfactory Epithelium, Accumulation, Hyaline Droplet	1	1	2	2				3	1	2	3				2			2		2				2	18 1.8	
Olfactory Epithelium, Metaplasia, Respiratory											1														1 1.0	
Respiratory Epithelium, Hyperplasia		1	1		1	1			1	2	1	1	1					1						2	25 1.1	
Respiratory Epithelium, Metaplasia, Squamous						1			1										2					2	6 1.7	

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Respiratory Epithelium, Necrosis	1	1.0
Respiratory Epithelium, Regeneration	2	1.0
Turbinate, Hyperostosis	1	1.0

Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Foreign Body	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	48	
Inflammation, Chronic Active													1										1	1.0
Metaplasia, Squamous													1							1			3	1.3
Mineralization																							1	1.0
Necrosis														1									1	1.0
Epithelium, Regeneration																							1	1.0

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	
Ciliary Body, Inflammation, Acute					1										1						1		6	1.2
Cornea, Inflammation, Chronic Active																							2	2.5
Lens, Degeneration													1			2					2		4	1.8
Retina, Atrophy		2		3									3		2								6	2.7
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia					1										1								3	1.0
Inflammation, Chronic Active																						2	1	2.0

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst													1										1	1.0
Fibrosis												2											1	2.0
Infarct																							1	3.0
Inflammation, Suppurative																					2		1	2.0

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Inflammation, Chronic Active										3												2 3.5
Metaplasia, Osseous																2						1 2.0
Nephropathy	3		2	1	1	2	1	3	1	2	1	2		1	2	2	3		1	2		2 2 2 38 1.8
Artery, Inflammation, Chronic Active											1					1	2					4 1.3
Artery, Necrosis											1					1	2					4 1.3
Papilla, Necrosis											3											2 3.0
Pelvis, Dilatation														3	2							3 2.7
Pelvis, Inflammation, Suppurative																						2 3.5
Pelvis, Inflammation, Chronic Active																						1 3.0
Pelvis, Mineralization																					1	3 1.0
Renal Tubule, Accumulation, Hyaline Droplet	2			2					1							1	2				2	14 1.3
Renal Tubule, Hyperplasia								1														1 1.0
Renal Tubule, Mineralization																2						2 1.5
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Calculus Gross Observation																						1
Hemorrhage							3															1 3.0
Serosa, Inflammation, Chronic Active																						1 2.0
Transitional Epithelium, Hyperplasia																						1 4.0

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS FEMALE	DAY ON TEST																								females (cont...)
	0732	0733	0731	0738	0732	0754	0775	0777	0777	0751	0775	0777	0777	0744	0774	0773	0773	0703	0773	0773	0766	0777	0777	0777	
Control	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	
ANIMAL ID	1101	1102	1104	1105	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1100	1101	1101	1101	1101	1101	1101	1101	1101	1101	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis	3														3	1							
Basophilic Focus									X					X	X				X		X		
Clear Cell Focus				X				X									X				X		
Congestion												2											
Cyst																	2						
Eosinophilic Focus					X										X								
Fatty Change						3					1		1					1					
Hepatodiaphragmatic Nodule				X																			
Bile Duct, Hyperplasia			1																				
Bile Duct, Inflammation, Chronic Active																							
Mesentery	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fat, Necrosis										2									2				

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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Experiment Number: 20601 - 03
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
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WISTAR HAN RATS FEMALE Control	DAY ON TEST																								ANIMAL ID	females (cont...)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	0732	0733	0734	0735	0736	0737	0738	0739	0740	0741	0742	0743	0744	0745	0746	0747	0748	0749	0750	0751	0752	0753	0754	0755			0756	0757	0758	0759	0760	0761	0762	0763	0764	0765	0766	0767	0768	0769	0770	0771	0772	0773	0774	0775	0776	0777	0778	0779	0780	0781	0782	0783	0784	0785	0786	0787	0788	0789	0790	0791	0792	0793	0794	0795	0796	0797	0798	0799	0800	0801	0802	0803	0804	0805	0806	0807	0808	0809	0810	0811	0812	0813	0814	0815	0816	0817	0818	0819	0820	0821	0822	0823	0824	0825	0826	0827	0828	0829	0830	0831	0832	0833	0834	0835	0836	0837	0838	0839	0840	0841	0842	0843	0844	0845	0846	0847	0848	0849	0850	0851	0852	0853	0854	0855	0856	0857	0858	0859	0860	0861	0862	0863	0864	0865	0866	0867	0868	0869	0870	0871	0872	0873	0874	0875	0876	0877	0878	0879	0880	0881	0882	0883	0884	0885	0886	0887	0888	0889	0890	0891	0892	0893	0894	0895	0896	0897	0898	0899	0900	0901	0902	0903	0904	0905	0906	0907	0908	0909	0910	0911	0912	0913	0914	0915	0916	0917	0918	0919	0920	0921	0922	0923	0924	0925	0926	0927	0928	0929	0930	0931	0932	0933	0934	0935	0936	0937	0938	0939	0940	0941	0942	0943	0944	0945	0946	0947	0948	0949	0950	0951	0952	0953	0954	0955	0956	0957	0958	0959	0960	0961	0962	0963	0964	0965	0966	0967	0968	0969	0970	0971	0972	0973	0974	0975	0976	0977	0978	0979	0980	0981	0982	0983	0984	0985	0986	0987	0988	0989	0990	0991	0992	0993	0994	0995	0996	0997	0998	0999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495	1496	1497	1498	1499	1500	1501	1502	1503	1504	1505	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515	1516	1517	1518	1519	1520	1521	1522	1523	1524	1525	1526	1527	1528	1529	1530	1531	1532	1533	1534	1535	1536	1537	1538	1539	1540	1541	1542	1543	1544	1545	1546	1547	1548	1549	1550	1551	1552	1553	1554	1555	1556	1557	1558	1559	1560	1561	1562	1563	1564	1565	1566	1567	1568	1569	1570	1571	1572	1573	1574	1575	1576	1577	1578	1579	1580	1581	1582	1583	1584	1585	1586	1587	1588	1589	1590	1591	1592	1593	1594	1595	1596	1597	1598	1599	1600	1601	1602	1603	1604	1605	1606	1607	1608	1609	1610	1611	1612	1613	1614	1615	1616	1617	1618	1619	1620	1621	1622	1623	1624	1625	1626	1627	1628	1629	1630	1631	1632	1633	1634	1635	1636	1637	1638	1639	1640	1641	1642	1643	1644	1645	1646	1647	1648	1649	1650	1651	1652	1653	1654	1655	1656	1657	1658	1659	1660	1661	1662	1663	1664	1665	1666	1667	1668	1669	1670	1671	1672	1673	1674	1675	1676	1677	1678	1679	1680	1681	1682	1683	1684	1685	1686	1687	1688	1689	1690	1691	1692	1693	1694	1695	1696	1697	1698	1699	1700	1701	1702	1703	1704	1705	1706	1707	1708	1709	1710	1711	1712	1713	1714	1715	1716	1717	1718	1719	1720	1721	1722	1723	1724	1725	1726	1727	1728	1729	1730	1731	1732	1733	1734	1735	1736	1737	1738	1739	1740	1741	1742	1743	1744	1745	1746	1747	1748	1749	1750	1751	1752	1753	1754	1755	1756	1757	1758	1759	1760	1761	1762	1763	1764	1765	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

WISTAR HAN RATS FEMALE Control	DAY ON TEST																								ANIMAL ID	females (cont...)
	0 7 3 2	0 7 3 1	0 7 3 1	0 7 1 8	0 7 3 2	0 7 3 0	0 5 6 4	0 7 3 2	0 7 3 0	0 7 3 1	0 5 6 1	0 7 3 2	0 7 3 2	0 4 3 3	0 7 3 2	0 7 3 2	0 7 3 0	0 7 3 3	0 6 9 6	0 7 3 1	0 7 3 2	0 7 3 3	0 7 3 2			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1 0 1		

Vacuolization Cytoplasmic

4

Adrenal Medulla

+ + + + + + + + I + + + + + + + + + + + + + + + + + + +

Islets, Pancreatic
Hyperplasia

+ +

Parathyroid Gland

+ + + M + + + + M + + M + + M M + + + + + + + M M +

Pituitary Gland
Pars Distalis, Hyperplasia
Pars Intermedia, Hyperplasia

+
 3 3 4 3 1 3 4 1 2 4 2 2

Thyroid Gland
C-cell, Hyperplasia
Follicular Cell, Hyperplasia

+
 3 4 4 1 3 2 1 1 1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland
Inflammation, Chronic Active

+
 3

Ovary
Cyst
Granulosa Cell, Hyperplasia
Interstitial Cell, Hyperplasia

+
 2 3 2 2 3 3 1 1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
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| WISTAR HAN RATS FEMALE
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|--|-----------|----------------------|
| | 0
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3
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8 | 0
7
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2 | 0
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2 | 0
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2 | 0
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2 | 0
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0 | 0
7
3
3 | 0
6
9
6 | 0
7
3
1 | 0
7
3
2 | 0
7
3
2 | | | | |
| Compression | | | 1 | 3 | | | 3 | | | | | | | 2 | 3 | | | 3 | | | | | | | | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | + | | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | + | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Respiratory Epithelium, Hyperplasia | | | | | | 1 | | 1 | | | | | | | | 1 | 1 | | | 1 | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Fibrosis | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 1 | 1 | 1 | 1 | | 1 | | | 1 | | | 2 | 1 | 1 | | | | | 1 | 1 | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | 1 | | | | | 1 | | | | | 1 | | | | | | | | | | | | |
| Bronchiole, Epithelium, Hyperplasia | | | | | 1 | | | 1 | | | | | | | | | | | 1 | | | | 1 | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Inflammation, Suppurative | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | | | 2 | | | 2 | | | | | | | | | | | | 1 | | | | | | | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Metaplasia, Squamous Epithelium, Regeneration | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 20601 - 03
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 Lab: BNW

| WISTAR HAN RATS FEMALE
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|-----------|----------------------|
| | 0
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3
2 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
0
1
0
1 | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Retina, Atrophy | | 3 | | | | | 3 | | | | | | | 1 | | | | | | 3 | | | | | | |
| Harderian Gland
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | 1 | | | | 2 | 2 | 1 | 1 | | | | | | | | | | | 1 | | | | | | |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pelvis, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pelvis, Mineralization | 2 | 2 | 1 | 1 | | 2 | 2 | 3 | | | | 2 | 3 | | | 2 | 1 | 1 | 2 | | | | 1 | 3 | | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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 1) Minimal 3) Moderate
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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-----------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-----|
| | 0731 | 0731 | 0732 | 0738 | 0738 | 0737 | 0772 | 0772 | 0772 | 0772 | 0772 | 0766 | 0766 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | | | |
| Control | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 001322 | 001323 | 001325 | 001326 | 001327 | 001329 | 001330 | 001331 | 001332 | 001333 | 001334 | 001336 | 001337 | 001338 | 001339 | 001340 | 001341 | 001342 | 001343 | 001344 | 001345 | 001346 | 001347 | 001348 | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | 1 | | | | 2 | | | | | 1 | | | | | | 1 | | | | | 2 | | | 11 | 1.5 |
| Basophilic Focus | | X | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hyperplasia, Squamous | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | 4 | 1.3 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy | 2 | | 1 | 2 | 1 | | | | 1 | 1 | 1 | | | | | | | 1 | | 1 | 1 | 1 | 1 | 1 | 29 | 1.1 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Accessory Adrenal Cortical Nodule | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Degeneration, Cystic | 2 | 2 | 2 | 3 | | 3 | 1 | 3 | 2 | 1 | 1 | | | 2 | | 3 | 2 | 3 | 1 | | 1 | 1 | 2 | 3 | 37 | 2.1 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Hyperplasia | | 2 | 2 | 3 | 2 | | | 2 | 3 | 3 | 1 | | | | | 3 | | | | 1 | 1 | | | 2 | 27 | 2.2 |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

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 Lab: BNW

| WISTAR HAN RATS FEMALE
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
3
1 | 0
7
3
1 | 0
7
3
2 | 0
6
8
8 | 0
7
3
1 | 0
3
7
4 | 0
7
3
2 | 0
7
3
1 | 0
7
3
0 | 0
7
3
2 | 0
7
3
2 | 0
6
4
5 | 0
6
3
5 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
7
3
5 | 0
7
3
2 | 0
7
3
2 | 0
7
3
1 | 0
7
3
2 | | |
| ANIMAL ID | 0
0
1
3
2 | 0
0
1
3
3 | 0
0
1
3
5 | 0
0
1
3
6 | 0
0
1
3
7 | 0
0
1
3
9 | 0
0
1
4
0 | 0
0
1
4
1 | 0
0
1
4
2 | 0
0
1
4
3 | 0
0
1
4
6 | 0
0
1
4
7 | 0
0
1
4
8 | 0
0
1
4
9 | 0
0
1
5
0 | 0
0
1
5
1 | 0
0
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5
2 | 0
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3 | 0
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4 | 0
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5 | 0
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6 | 0
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7 | 0
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5
8 | 0
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1
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9 | 0
0
1
6
0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----------------|
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Islets, Pancreatic
Hyperplasia | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 1 2.0 |
| Parathyroid Gland | M + + + + + M M + + + + + + + + + + + M + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 39 | |
| Pituitary Gland
Pars Distalis, Hyperplasia
Pars Intermedia, Hyperplasia | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 22 3.0
1 3.0 |
| Thyroid Gland
C-cell, Hyperplasia
Follicular Cell, Hyperplasia | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 21 2.2
3 1.3 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--------------------------|
| Clitoral Gland
Inflammation, Chronic Active | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 2 3.0 |
| Ovary
Cyst
Granulosa Cell, Hyperplasia
Interstitial Cell, Hyperplasia | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 11 2.3
1 3.0
2 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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| Wistar Han Rats Female
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|-----------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|
| | 0731 | 0731 | 0732 | 0738 | 0738 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | | 0737 | | | | | |
| ANIMAL ID | 001322 | 001333 | 001335 | 001336 | 001337 | 001339 | 001340 | 001341 | 001342 | 001343 | 001344 | 001345 | 001346 | 001347 | 001348 | 001349 | 001350 | 001351 | 001352 | 001353 | 001354 | 001355 | 001356 | 001357 | 001358 | 001359 | 001360 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|---|---|--|--|--|--|---|---|--|--|--|--|--|--|--|--|---|--|--|--|---|--|----|-----|--|---|-----|
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | |
| Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | |
| Endometrial Glands, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 | | | |
| Endometrium, Hyperplasia, Cystic | 2 | | 1 | 2 | | | | | 2 | 2 | | | | | | | | | 2 | | | | 2 | | | | | 9 | 2.0 |
| Endometrium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|----|--|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 1.0 | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Lumbar, Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Lymph Node, Bronchial | + | M | + | + | + | M | + | + | + | M | M | + | + | M | + | + | + | + | M | + | + | + | + | + | + | M | 35 | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 1.5 | | |
| Lymph Node, Mandibular | + | M | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | M | + | M | + | + | + | M | 42 | |
| Lymph Node, Mediastinal | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 46 | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 1.5 | | |
| Lymph Node, Mesenteric | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Spleen | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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| WISTAR HAN RATS FEMALE
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|-----------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-----|-----|-----|
| | 0731 | 0731 | 0732 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | | | | | |
| ANIMAL ID | 001322 | 001323 | 001325 | 001326 | 001327 | 001329 | 001330 | 001331 | 001332 | 001333 | 001334 | 001335 | 001336 | 001337 | 001338 | 001339 | 001340 | 001341 | 001342 | 001343 | 001344 | 001345 | 001346 | 001347 | | | | |
| Depletion Cellular | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Hematopoietic Cell Proliferation | 1 | 2 | 1 | 2 | 2 | | 2 | 1 | 2 | 2 | 2 | 1 | 3 | 1 | 1 | 1 | | 2 | | 1 | | 1 | 3 | 1 | 1 | 44 | 1.7 | |
| Lymphoid Follicle, Atrophy | | | | | | 3 | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | M | + | + | 46 | | |
| Depletion Cellular | | | | | | 2 | | | | | | | | | | | | | | | | | | | | 3 | 2.0 | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Galactocele | | | | | 3 | | | | | | | | X | | | | | | | | | | | 2 | | 7 | 2.3 | |
| Hyperplasia | | | | | | | | | 2 | | | | 2 | 2 | 3 | | | | | | | | | | | | 6 | 2.3 |
| Infiltration Cellular, Histiocyte | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 3.0 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inflammation, Chronic Active | | | | 3 | 3 | | | | 3 | | | | | | 4 | | | | | | | | | | | | 8 | 3.1 |
| Ulcer | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Skeletal Muscle | | | | | | + | | | | | | | | | | | | | | | | | | | | | 2 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 I .. Insufficient tissue
 M .. Missing tissue
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|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| | 0731 | 0731 | 0732 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | 0738 | | 0738 | 0738 | | | | | | | | | |
| Control | 00132 | 00133 | 00134 | 00135 | 00136 | 00137 | 00138 | 00139 | 00140 | 00141 | 00142 | 00143 | 00144 | 00145 | 00146 | 00147 | 00148 | 00149 | 00150 | 00151 | 00152 | 00153 | 00154 | 00155 | 00156 | 00157 | 00158 | 00159 | 00160 | | | |
| Compression | | | | 3 | 3 | | | | | | | | | | 3 | | | | | | | | | | | | | | 10 | 2.7 | | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Larynx | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 1.0 | |
| Lung | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Inflammation, Suppurative | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Inflammation, Chronic Active | 1 | | | 1 | 1 | | | 1 | | | | | | | 1 | | | | 1 | 1 | 1 | | | 1 | 1 | | | | 21 | 1.0 | | |
| Mineralization | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Alveolar Epithelium, Hyperplasia | 3 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 1.6 | |
| Bronchiole, Epithelium, Hyperplasia | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | | | 6 | 1.0 | |
| Nose | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | 2 | 1 | 1 | | | 2 | | 1 | | | | | | | | | | | | | | | | | | | | | 9 | 1.6 | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 4 | 1.0 | |
| Respiratory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Trachea | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Metaplasia, Squamous Epithelium, Regeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE
Control | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--|--|
| | 0731 | 0731 | 0732 | 0738 | 0738 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | | | | |
| ANIMAL ID | 001322 | 001323 | 001325 | 001326 | 001327 | 001329 | 001330 | 001331 | 001332 | 001333 | 001334 | 001335 | 001336 | 001337 | 001338 | 001339 | 001340 | 001341 | 001342 | 001343 | 001344 | 001345 | 001346 | 001347 | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Retina, Atrophy | 3 | | | | 2 | | | | | | | | | | | | | | | | | | | | 6 2.5 | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 1.0 | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 | | |
| Nephropathy | | | | | 2 | | | | 1 | 2 | | 1 | | | 1 | | | | | 1 | | 2 | | 2 2 1 | 16 1.4 | | |
| Papilla, Necrosis | | | | | | 3 | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 | | |
| Pelvis, Inflammation, Chronic Active | | | | | | | | | | | | 1 | | | | | | | | | | 3 | | | 2 2.0 | | |
| Pelvis, Mineralization | | | | 1 | 1 | | | 1 | 1 | 1 | | 1 | | 2 | 2 | | 1 | 1 | 2 | | | 1 | 3 | 1 1 1 | 31 1.6 | | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 2.0 | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

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Experiment Number: 20601 - 03
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Date Report Requested: 10/15/2014
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 Lab: BNW

| WISTAR HAN RATS FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|-----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|--------------------------|------|
| | 0730 | 0733 | 0737 | 0740 | 0743 | 0747 | 0750 | 0753 | 0757 | 0760 | 0763 | 0767 | 0770 | 0773 | 0777 | 0780 | 0783 | 0787 | 0790 | 0793 | 0797 | 0800 | 0803 | 0807 | | | 0810 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 000000000000000000000000 | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Serosa, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Mesentery | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1245012345678901 | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1245012345678901 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1245012345678901 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1245012345678901 | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1245012345678901 | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| Malformation | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1245012345678901 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1245012345678901 | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | | 1245012345678901 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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Experiment Number: 20601 - 03
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 Lab: BNW

| WISTAR HAN RATS FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|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| | 0730 | 0737 | 0739 | 0740 | 0743 | 0746 | 0749 | 0752 | 0755 | 0758 | 0761 | 0764 | 0767 | 0770 | 0773 | 0776 | 0779 | 0782 | 0785 | 0788 | | | 0791 | 0794 | 0797 | 0800 | 0803 | 0806 | 0809 | 0812 | 0815 | 0818 | 0821 | 0824 | 0827 | 0830 | 0833 | 0836 | 0839 | 0842 | 0845 | 0848 | 0851 | 0854 | 0857 | 0860 | 0863 | 0866 | 0869 | 0872 | 0875 | 0878 | 0881 | 0884 | 0887 | 0890 | 0893 | 0896 | 0899 | 0902 | 0905 | 0908 | 0911 | 0914 | 0917 | 0920 | 0923 | 0926 | 0929 | 0932 | 0935 | 0938 | 0941 | 0944 | 0947 | 0950 | 0953 | 0956 | 0959 | 0962 | 0965 | 0968 | 0971 | 0974 | 0977 | 0980 | 0983 | 0986 | 0989 | 0992 | 0995 | 0998 | 1001 | 1004 | 1007 | 1010 | 1013 | 1016 | 1019 | 1022 | 1025 | 1028 | 1031 | 1034 | 1037 | 1040 | 1043 | 1046 | 1049 | 1052 | 1055 | 1058 | 1061 | 1064 | 1067 | 1070 | 1073 | 1076 | 1079 | 1082 | 1085 | 1088 | 1091 | 1094 | 1097 | 1100 | 1103 | 1106 | 1109 | 1112 | 1115 | 1118 | 1121 | 1124 | 1127 | 1130 | 1133 | 1136 | 1139 | 1142 | 1145 | 1148 | 1151 | 1154 | 1157 | 1160 | 1163 | 1166 | 1169 | 1172 | 1175 | 1178 | 1181 | 1184 | 1187 | 1190 | 1193 | 1196 | 1199 | 1202 | 1205 | 1208 | 1211 | 1214 | 1217 | 1220 | 1223 | 1226 | 1229 | 1232 | 1235 | 1238 | 1241 | 1244 | 1247 | 1250 | 1253 | 1256 | 1259 | 1262 | 1265 | 1268 | 1271 | 1274 | 1277 | 1280 | 1283 | 1286 | 1289 | 1292 | 1295 | 1298 | 1301 | 1304 | 1307 | 1310 | 1313 | 1316 | 1319 | 1322 | 1325 | 1328 | 1331 | 1334 | 1337 | 1340 | 1343 | 1346 | 1349 | 1352 | 1355 | 1358 | 1361 | 1364 | 1367 | 1370 | 1373 | 1376 | 1379 | 1382 | 1385 | 1388 | 1391 | 1394 | 1397 | 1400 | 1403 | 1406 | 1409 | 1412 | 1415 | 1418 | 1421 | 1424 | 1427 | 1430 | 1433 | 1436 | 1439 | 1442 | 1445 | 1448 | 1451 | 1454 | 1457 | 1460 | 1463 | 1466 | 1469 | 1472 | 1475 | 1478 | 1481 | 1484 | 1487 | 1490 | 1493 | 1496 | 1499 | 1502 | 1505 | 1508 | 1511 | 1514 | 1517 | 1520 | 1523 | 1526 | 1529 | 1532 | 1535 | 1538 | 1541 | 1544 | 1547 | 1550 | 1553 | 1556 | 1559 | 1562 | 1565 | 1568 | 1571 | 1574 | 1577 | 1580 | 1583 | 1586 | 1589 | 1592 | 1595 | 1598 | 1601 | 1604 | 1607 | 1610 | 1613 | 1616 | 1619 | 1622 | 1625 | 1628 | 1631 | 1634 | 1637 | 1640 | 1643 | 1646 | 1649 | 1652 | 1655 | 1658 | 1661 | 1664 | 1667 | 1670 | 1673 | 1676 | 1679 | 1682 | 1685 | 1688 | 1691 | 1694 | 1697 | 1700 | 1703 | 1706 | 1709 | 1712 | 1715 | 1718 | 1721 | 1724 | 1727 | 1730 | 1733 | 1736 | 1739 | 1742 | 1745 | 1748 | 1751 | 1754 | 1757 | 1760 | 1763 | 1766 | 1769 | 1772 | 1775 | 1778 | 1781 | 1784 | 1787 | 1790 | 1793 | 1796 | 1799 | 1802 | 1805 | 1808 | 1811 | 1814 | 1817 | 1820 | 1823 | 1826 | 1829 | 1832 | 1835 | 1838 | 1841 | 1844 | 1847 | 1850 | 1853 | 1856 | 1859 | 1862 | 1865 | 1868 | 1871 | 1874 | 1877 | 1880 | 1883 | 1886 | 1889 | 1892 | 1895 | 1898 | 1901 | 1904 | 1907 | 1910 | 1913 | 1916 | 1919 | 1922 | 1925 | 1928 | 1931 | 1934 | 1937 | 1940 | 1943 | 1946 | 1949 | 1952 | 1955 | 1958 | 1961 | 1964 | 1967 | 1970 | 1973 | 1976 | 1979 | 1982 | 1985 | 1988 | 1991 | 1994 | 1997 | 2000 | 2003 | 2006 | 2009 | 2012 | 2015 | 2018 | 2021 | 2024 | 2027 | 2030 | 2033 | 2036 | 2039 | 2042 | 2045 | 2048 | 2051 | 2054 | 2057 | 2060 | 2063 | 2066 | 2069 | 2072 | 2075 | 2078 | 2081 | 2084 | 2087 | 2090 | 2093 | 2096 | 2099 | 2102 | 2105 | 2108 | 2111 | 2114 | 2117 | 2120 | 2123 | 2126 | 2129 | 2132 | 2135 | 2138 | 2141 | 2144 | 2147 | 2150 | 2153 | 2156 | 2159 | 2162 | 2165 | 2168 | 2171 | 2174 | 2177 | 2180 | 2183 | 2186 | 2189 | 2192 | 2195 | 2198 | 2201 | 2204 | 2207 | 2210 | 2213 | 2216 | 2219 | 2222 | 2225 | 2228 | 2231 | 2234 | 2237 | 2240 | 2243 | 2246 | 2249 | 2252 | 2255 | 2258 | 2261 | 2264 | 2267 | 2270 | 2273 | 2276 | 2279 | 2282 | 2285 | 2288 | 2291 | 2294 | 2297 | 2300 | 2303 | 2306 | 2309 | 2312 | 2315 | 2318 | 2321 | 2324 | 2327 | 2330 | 2333 | 2336 | 2339 | 2342 | 2345 | 2348 | 2351 | 2354 | 2357 | 2360 | 2363 | 2366 | 2369 | 2372 | 2375 | 2378 | 2381 | 2384 | 2387 | 2390 | 2393 | 2396 | 2399 | 2402 | 2405 | 2408 | 2411 | 2414 | 2417 | 2420 | 2423 | 2426 | 2429 | 2432 | 2435 | 2438 | 2441 | 2444 | 2447 | 2450 | 2453 | 2456 | 2459 | 2462 | 2465 | 2468 | 2471 | 2474 | 2477 | 2480 | 2483 | 2486 | 2489 | 2492 | 2495 | 2498 | 2501 | 2504 | 2507 | 2510 | 2513 | 2516 | 2519 | 2522 | 2525 | 2528 | 2531 | 2534 | 2537 | 2540 | 2543 | 2546 | 2549 | 2552 | 2555 | 2558 | 2561 | 2564 | 2567 | 2570 | 2573 | 2576 | 2579 | 2582 | 2585 | 2588 | 2591 | 2594 | 2597 | 2600 | 2603 | 2606 | 2609 | 2612 | 2615 | 2618 | 2621 | 2624 | 2627 | 2630 | 2633 | 2636 | 2639 | 2642 | 2645 | 2648 | 2651 | 2654 | 2657 | 2660 | 2663 | 2666 | 2669 | 2672 | 2675 | 2678 | 2681 | 2684 | 2687 | 2690 | 2693 | 2696 | 2699 | 2702 | 2705 | 2708 | 2711 | 2714 | 2717 | 2720 | 2723 | 2726 | 2729 | 2732 | 2735 | 2738 | 2741 | 2744 | 2747 | 2750 | 2753 | 2756 | 2759 | 2762 | 2765 | 2768 | 2771 | 2774 | 2777 | 2780 | 2783 | 2786 | 2789 | 2792 | 2795 | 2798 | 2801 | 2804 | 2807 | 2810 | 2813 | 2816 | 2819 | 2822 | 2825 | 2828 | 2831 | 2834 | 2837 | 2840 | 2843 | 2846 | 2849 | 2852 | 2855 | 2858 | 2861 | 2864 | 2867 | 2870 | 2873 | 2876 | 2879 | 2882 | 2885 | 2888 | 2891 | 2894 | 2897 | 2900 | 2903 | 2906 | 2909 | 2912 | 2915 | 2918 | 2921 | 2924 | 2927 | 2930 | 2933 | 2936 | 2939 | 2942 | 2945 | 2948 | 2951 | 2954 | 2957 | 2960 | 2963 | 2966 | 2969 | 2972 | 2975 | 2978 | 2981 | 2984 | 2987 | 2990 | 2993 | 2996 | 2999 | 3002 | 3005 | 3008 | 3011 | 3014 | 3017 | 3020 | 3023 | 3026 | 3029 | 3032 | 3035 | 3038 | 3041 | 3044 | 3047 | 3050 | 3053 | 3056 | 3059 | 3062 | 3065 | 3068 | 3071 | 3074 | 3077 | 3080 | 3083 | 3086 | 3089 | 3092 | 3095 | 3098 | 3101 | 3104 | 3107 | 3110 | 3113 | 3116 | 3119 | 3122 | 3125 | 3128 | 3131 | 3134 | 3137 | 3140 | 3143 | 3146 | 3149 | 3152 | 3155 | 3158 | 3161 | 3164 | 3167 | 3170 | 3173 | 3176 | 3179 | 3182 | 3185 | 3188 | 3191 | 3194 | 3197 | 3200 | 3203 | 3206 | 3209 | 3212 | 3215 | 3218 | 3221 | 3224 | 3227 | 3230 | 3233 | 3236 | 3239 | 3242 | 3245 | 3248 | 3251 | 3254 | 3257 | 3260 | 3263 | 3266 | 3269 | 3272 | 3275 | 3278 | 3281 | 3284 | 3287 | 3290 | 3293 | 3296 | 3299 | 3302 | 3305 | 3308 | 3311 | 3314 | 3317 | 3320 | 3323 | 3326 | 3329 | 3332 | 3335 | 3338 | 3341 | 3344 | 3347 | 3350 | 3353 | 3356 | 3359 | 3362 | 3365 | 3368 | 3371 | 3374 | 3377 | 3380 | 3383 | 3386 | 3389 | 3392 | 3395 | 3398 | 3401 | 3404 | 3407 | 3410 | 3413 | 3416 | 3419 | 3422 | 3425 | 3428 | 3431 | 3434 | 3437 | 3440 | 3443 | 3446 | 3449 | 3452 | 3455 | 3458 | 3461 | 3464 | 3467 | 3470 | 3473 | 3476 | 3479 | 3482 | 3485 | 3488 | 3491 | 3494 | 3497 | 3500 | 3503 | 3506 | 3509 | 3512 | 3515 | 3518 | 3521 | 3524 | 3527 | 3530 | 3533 | 3536 | 3539 | 3542 | 3545 | 3548 | 3551 | 3554 | 3557 | 3560 | 3563 | 3566 | 3569 | 3572 | 3575 | 3578 | 3581 | 3584 | 3587 | 3590 | 3593 | 3596 | 3599 | 3602 | 3605 | 3608 | 3611 | 3614 | 3617 | 3620 | 3623 | 3626 | 3629 | 3632 | 3635 | 3638 | 3641 | 3644 | 3647 | 3650 | 3653 | 3656 | 3659 | 3662 | 3665 | 3668 | 3671 | 3674 | 3677 | 3680 | 3683 | 3686 | 3689 | 3692 | 3695 | 3698 | 3701 | 3704 | 3707 | 3710 | 3713 | 3716 | 3719 | 3722 | 3725 | 3728 | 3731 | 3734 | 3737 | 3740 | 3743 | 3746 | 3749 | 3752 | 3755 | 3758 | 3761 | 3764 | 3767 | 3770 | 3773 | 3776 | 3779 | 3782 | 3785 | 3788 | 3791 | 3794 | 3797 | 3800 | 3803 | 3806 | 3809 | 3812 | 3815 | 3818 | 3821 | 3824 | 3827 | 3830 | 3833 | 3836 | 3839 | 3842 | 3845 | 3848 | 3851 | 3854 | 3857 | 3860 | 3863 | 3866 | 3869 | 3872 | 3875 | 3878 | 3881 | 3884 | 3887 | 3890 | 3893 | 3896 | 3899 | 3902 | 3905 | 3908 | 3911 | 3914 | 3917 | 3920 | 3923 | 3926 | 3929 | 3932 | 3935 | 3938 | 3941 | 3944 | 3947 | 3950 | 3953 | 3956 | 3959 | 3962 | 3965 | 3968 | 3971 | 3974 | 3977 | 3980 | 3983 | 3986 | 3989 | 3992 | 3995 | 3998 | 4001 | 4004 | 4007 | 4010 | 4013 | 4016 | 4019 | 4022 | 4025 | 4028 | 4031 | 4034 | 4037 | 4040 | 4043 | 4046 | 4049 | 4052 | 4055 | 4058 | 4061 | 4064 | 4067 | 4070 | 4073 | 4076 | 4079 | 4082 | 4085 | 4088 | 4091 | 4094 | 4097 | 4100 | 4103 | 4106 | 4109 | 4112 | 4115 | 4118 | 4121 | 4124 | 4127 | 4130 | 4133 | 4136 | 4139 | 4142 | 4145 | 4148 | 4151 | 4154 | 4157 | 4160 | 4163 | 4166 | 4169 | 4172 | 4175 | 4178 | 4181 | 4184 | 4187 | 4190 | 4193 | 4196 | 4199 | 4202 | 4205 | 4208 | 4211 | 4214 | 4217 | 4220 | 4223 | 4226 | 4229 | 4232 | 4235 | 4238 | 4241 | 4244 | 4247 | 4250 | 4253 | 4256 | 4259 | 4262 | 4265 | 4268 | 4271 | 4274 | 4277 | 4280 | 4283 | 4286 | 4289 | 4292 | 4295 | 4298 | 4301 | 4304 | 4307 | 4310 | 4313 | 4316 | 4319 | 4322 | 4325 | 4328 | 4331 | 4334 | 4337 | 4340 | 4343 | 4346 | 4349 | 4352 | 4355 | 4358 | 4361 | 4364 | 4367 | 4370 | 4373 | 4376 | 4379 | 4382 | 4385 | 4388 | 4391 | 4394 | 4397 | 4400 | 4403 | 4406 | 4409 | 4412 | 4415 | 4418 | 4421 | 4424 | 4427 | 4430 | 4433 | 4436 | 4439 | 4442 | 4445 | 4448 | 4451 | 4454 | 4457 | 4460 | 4463 | 4466 | 4469 | 4472 | 4475 | 4478 | 4481 | 4484 | 4487 | 4490 | 4493 | 4496 | 4499 | 4502 | 4505 | 4508 | 4511 | 4514 | 4517 | 4520 | 4523 | 4526 | 4529 | 4532 | 4535 | 4538 | 4541 | 4544 | 4547 | 4550 | 4553 | 4556 | 4559 | 4562 | 4565 | 4568 | 4571 | 4574 | 4577 | 4580 | 4583 | 4586 | 4589 | 4592 | 4595 | 4598 | 4601 | 4604 | 4607 | 4610 | 4613 | 4616 | 4619 | 4622 | 4625 | 4628 | 4631 | 4634 | 4637 | 4640 | 4643 | 4646 | 4649 | 4652 | 4655 | 4658 | 4661 | 4664 | 4667 | 4670 | 4673 | 4676 | 4679 | 4682 | 4685 | 4688 | 4691 | 4694 | 4697 | 4700 | 4703 | 4706 | 4709 | 4712 | 4715 | 4718 |

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|
| | 0
7
3
0 | 0
5
3
7 | 0
7
3
2 | 0
7
0
9 | 0
6
4
9 | 0
7
3
0 | 0
7
3
1 | 0
7
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3
2 | 0
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2 | 0
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1 | 0
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5 | 0
7
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2 | 0
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3
3 | 0
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1 | 0
7
3
1 | | | 0
7
3
1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | 2 | | | | | | | | | | | | 2 | | | 1 | 3 | 2 | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | |
| Granulosa Cell, Hyperplasia | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Interstitial Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Dilatation | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrial Glands, Metaplasia, Squamous | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | | | 1 | 2 | | | 2 | | 1 | | | | 3 | 3 | | | | 4 | | 3 | 2 | 2 | 3 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node | | | | | | | | | + | | | | | | + | | | | | | | | |
| Pigmentation | | | | | | | | | | | | | | | 3 | | | | | | | | |
| Lumbar, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | M | + | M | + | M | + | + |
| Foreign Body | X | X | X | X | X | X | X | | X | X | X | X | X | X | X | X | | X | | X | | X | X |
| Hyperplasia, Lymphoid | | | | 1 | 1 | | | | | 1 | 2 | 1 | | 1 | 1 | 1 | | 1 | | | | 1 | 1 |
| Pigmentation | | 1 | 2 | | 2 | 2 | 1 | | 1 | | | | | | 1 | | | | | | | 1 | 2 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 CAS Number: 1309-64-4

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 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0730 | 0733 | 0737 | 0739 | 0744 | 0749 | 0753 | 0757 | 0761 | 0765 | 0769 | 0773 | 0777 | 0781 | 0785 | 0789 | 0793 | 0797 | 0801 | 0805 | 0809 | 0813 | 0817 | 0821 | | | 0825 | 0829 | 0833 | 0837 | 0841 | 0845 | 0849 | 0853 | 0857 | 0861 | 0865 | 0869 | 0873 | 0877 | 0881 | 0885 | 0889 | 0893 | 0897 | 0901 | 0905 | 0909 | 0913 | 0917 | 0921 | 0925 | 0929 | 0933 | 0937 | 0941 | 0945 | 0949 | 0953 | 0957 | 0961 | 0965 | 0969 | 0973 | 0977 | 0981 | 0985 | 0989 | 0993 | 0997 | 1001 | 1005 | 1009 | 1013 | 1017 | 1021 | 1025 | 1029 | 1033 | 1037 | 1041 | 1045 | 1049 | 1053 | 1057 | 1061 | 1065 | 1069 | 1073 | 1077 | 1081 | 1085 | 1089 | 1093 | 1097 | 1101 | 1105 | 1109 | 1113 | 1117 | 1121 | 1125 | 1129 | 1133 | 1137 | 1141 | 1145 | 1149 | 1153 | 1157 | 1161 | 1165 | 1169 | 1173 | 1177 | 1181 | 1185 | 1189 | 1193 | 1197 | 1201 | 1205 | 1209 | 1213 | 1217 | 1221 | 1225 | 1229 | 1233 | 1237 | 1241 | 1245 | 1249 | 1253 | 1257 | 1261 | 1265 | 1269 | 1273 | 1277 | 1281 | 1285 | 1289 | 1293 | 1297 | 1301 | 1305 | 1309 | 1313 | 1317 | 1321 | 1325 | 1329 | 1333 | 1337 | 1341 | 1345 | 1349 | 1353 | 1357 | 1361 | 1365 | 1369 | 1373 | 1377 | 1381 | 1385 | 1389 | 1393 | 1397 | 1401 | 1405 | 1409 | 1413 | 1417 | 1421 | 1425 | 1429 | 1433 | 1437 | 1441 | 1445 | 1449 | 1453 | 1457 | 1461 | 1465 | 1469 | 1473 | 1477 | 1481 | 1485 | 1489 | 1493 | 1497 | 1501 | 1505 | 1509 | 1513 | 1517 | 1521 | 1525 | 1529 | 1533 | 1537 | 1541 | 1545 | 1549 | 1553 | 1557 | 1561 | 1565 | 1569 | 1573 | 1577 | 1581 | 1585 | 1589 | 1593 | 1597 | 1601 | 1605 | 1609 | 1613 | 1617 | 1621 | 1625 | 1629 | 1633 | 1637 | 1641 | 1645 | 1649 | 1653 | 1657 | 1661 | 1665 | 1669 | 1673 | 1677 | 1681 | 1685 | 1689 | 1693 | 1697 | 1701 | 1705 | 1709 | 1713 | 1717 | 1721 | 1725 | 1729 | 1733 | 1737 | 1741 | 1745 | 1749 | 1753 | 1757 | 1761 | 1765 | 1769 | 1773 | 1777 | 1781 | 1785 | 1789 | 1793 | 1797 | 1801 | 1805 | 1809 | 1813 | 1817 | 1821 | 1825 | 1829 | 1833 | 1837 | 1841 | 1845 | 1849 | 1853 | 1857 | 1861 | 1865 | 1869 | 1873 | 1877 | 1881 | 1885 | 1889 | 1893 | 1897 | 1901 | 1905 | 1909 | 1913 | 1917 | 1921 | 1925 | 1929 | 1933 | 1937 | 1941 | 1945 | 1949 | 1953 | 1957 | 1961 | 1965 | 1969 | 1973 | 1977 | 1981 | 1985 | 1989 | 1993 | 1997 | 2001 | 2005 | 2009 | 2013 | 2017 | 2021 | 2025 | 2029 | 2033 | 2037 | 2041 | 2045 | 2049 | 2053 | 2057 | 2061 | 2065 | 2069 | 2073 | 2077 | 2081 | 2085 | 2089 | 2093 | 2097 | 2101 | 2105 | 2109 | 2113 | 2117 | 2121 | 2125 | 2129 | 2133 | 2137 | 2141 | 2145 | 2149 | 2153 | 2157 | 2161 | 2165 | 2169 | 2173 | 2177 | 2181 | 2185 | 2189 | 2193 | 2197 | 2201 | 2205 | 2209 | 2213 | 2217 | 2221 | 2225 | 2229 | 2233 | 2237 | 2241 | 2245 | 2249 | 2253 | 2257 | 2261 | 2265 | 2269 | 2273 | 2277 | 2281 | 2285 | 2289 | 2293 | 2297 | 2301 | 2305 | 2309 | 2313 | 2317 | 2321 | 2325 | 2329 | 2333 | 2337 | 2341 | 2345 | 2349 | 2353 | 2357 | 2361 | 2365 | 2369 | 2373 | 2377 | 2381 | 2385 | 2389 | 2393 | 2397 | 2401 | 2405 | 2409 | 2413 | 2417 | 2421 | 2425 | 2429 | 2433 | 2437 | 2441 | 2445 | 2449 | 2453 | 2457 | 2461 | 2465 | 2469 | 2473 | 2477 | 2481 | 2485 | 2489 | 2493 | 2497 | 2501 | 2505 | 2509 | 2513 | 2517 | 2521 | 2525 | 2529 | 2533 | 2537 | 2541 | 2545 | 2549 | 2553 | 2557 | 2561 | 2565 | 2569 | 2573 | 2577 | 2581 | 2585 | 2589 | 2593 | 2597 | 2601 | 2605 | 2609 | 2613 | 2617 | 2621 | 2625 | 2629 | 2633 | 2637 | 2641 | 2645 | 2649 | 2653 | 2657 | 2661 | 2665 | 2669 | 2673 | 2677 | 2681 | 2685 | 2689 | 2693 | 2697 | 2701 | 2705 | 2709 | 2713 | 2717 | 2721 | 2725 | 2729 | 2733 | 2737 | 2741 | 2745 | 2749 | 2753 | 2757 | 2761 | 2765 | 2769 | 2773 | 2777 | 2781 | 2785 | 2789 | 2793 | 2797 | 2801 | 2805 | 2809 | 2813 | 2817 | 2821 | 2825 | 2829 | 2833 | 2837 | 2841 | 2845 | 2849 | 2853 | 2857 | 2861 | 2865 | 2869 | 2873 | 2877 | 2881 | 2885 | 2889 | 2893 | 2897 | 2901 | 2905 | 2909 | 2913 | 2917 | 2921 | 2925 | 2929 | 2933 | 2937 | 2941 | 2945 | 2949 | 2953 | 2957 | 2961 | 2965 | 2969 | 2973 | 2977 | 2981 | 2985 | 2989 | 2993 | 2997 | 3001 | 3005 | 3009 | 3013 | 3017 | 3021 | 3025 | 3029 | 3033 | 3037 | 3041 | 3045 | 3049 | 3053 | 3057 | 3061 | 3065 | 3069 | 3073 | 3077 | 3081 | 3085 | 3089 | 3093 | 3097 | 3101 | 3105 | 3109 | 3113 | 3117 | 3121 | 3125 | 3129 | 3133 | 3137 | 3141 | 3145 | 3149 | 3153 | 3157 | 3161 | 3165 | 3169 | 3173 | 3177 | 3181 | 3185 | 3189 | 3193 | 3197 | 3201 | 3205 | 3209 | 3213 | 3217 | 3221 | 3225 | 3229 | 3233 | 3237 | 3241 | 3245 | 3249 | 3253 | 3257 | 3261 | 3265 | 3269 | 3273 | 3277 | 3281 | 3285 | 3289 | 3293 | 3297 | 3301 | 3305 | 3309 | 3313 | 3317 | 3321 | 3325 | 3329 | 3333 | 3337 | 3341 | 3345 | 3349 | 3353 | 3357 | 3361 | 3365 | 3369 | 3373 | 3377 | 3381 | 3385 | 3389 | 3393 | 3397 | 3401 | 3405 | 3409 | 3413 | 3417 | 3421 | 3425 | 3429 | 3433 | 3437 | 3441 | 3445 | 3449 | 3453 | 3457 | 3461 | 3465 | 3469 | 3473 | 3477 | 3481 | 3485 | 3489 | 3493 | 3497 | 3501 | 3505 | 3509 | 3513 | 3517 | 3521 | 3525 | 3529 | 3533 | 3537 | 3541 | 3545 | 3549 | 3553 | 3557 | 3561 | 3565 | 3569 | 3573 | 3577 | 3581 | 3585 | 3589 | 3593 | 3597 | 3601 | 3605 | 3609 | 3613 | 3617 | 3621 | 3625 | 3629 | 3633 | 3637 | 3641 | 3645 | 3649 | 3653 | 3657 | 3661 | 3665 | 3669 | 3673 | 3677 | 3681 | 3685 | 3689 | 3693 | 3697 | 3701 | 3705 | 3709 | 3713 | 3717 | 3721 | 3725 | 3729 | 3733 | 3737 | 3741 | 3745 | 3749 | 3753 | 3757 | 3761 | 3765 | 3769 | 3773 | 3777 | 3781 | 3785 | 3789 | 3793 | 3797 | 3801 | 3805 | 3809 | 3813 | 3817 | 3821 | 3825 | 3829 | 3833 | 3837 | 3841 | 3845 | 3849 | 3853 | 3857 | 3861 | 3865 | 3869 | 3873 | 3877 | 3881 | 3885 | 3889 | 3893 | 3897 | 3901 | 3905 | 3909 | 3913 | 3917 | 3921 | 3925 | 3929 | 3933 | 3937 | 3941 | 3945 | 3949 | 3953 | 3957 | 3961 | 3965 | 3969 | 3973 | 3977 | 3981 | 3985 | 3989 | 3993 | 3997 | 4001 | 4005 | 4009 | 4013 | 4017 | 4021 | 4025 | 4029 | 4033 | 4037 | 4041 | 4045 | 4049 | 4053 | 4057 | 4061 | 4065 | 4069 | 4073 | 4077 | 4081 | 4085 | 4089 | 4093 | 4097 | 4101 | 4105 | 4109 | 4113 | 4117 | 4121 | 4125 | 4129 | 4133 | 4137 | 4141 | 4145 | 4149 | 4153 | 4157 | 4161 | 4165 | 4169 | 4173 | 4177 | 4181 | 4185 | 4189 | 4193 | 4197 | 4201 | 4205 | 4209 | 4213 | 4217 | 4221 | 4225 | 4229 | 4233 | 4237 | 4241 | 4245 | 4249 | 4253 | 4257 | 4261 | 4265 | 4269 | 4273 | 4277 | 4281 | 4285 | 4289 | 4293 | 4297 | 4301 | 4305 | 4309 | 4313 | 4317 | 4321 | 4325 | 4329 | 4333 | 4337 | 4341 | 4345 | 4349 | 4353 | 4357 | 4361 | 4365 | 4369 | 4373 | 4377 | 4381 | 4385 | 4389 | 4393 | 4397 | 4401 | 4405 | 4409 | 4413 | 4417 | 4421 | 4425 | 4429 | 4433 | 4437 | 4441 | 4445 | 4449 | 4453 | 4457 | 4461 | 4465 | 4469 | 4473 | 4477 | 4481 | 4485 | 4489 | 4493 | 4497 | 4501 | 4505 | 4509 | 4513 | 4517 | 4521 | 4525 | 4529 | 4533 | 4537 | 4541 | 4545 | 4549 | 4553 | 4557 | 4561 | 4565 | 4569 | 4573 | 4577 | 4581 | 4585 | 4589 | 4593 | 4597 | 4601 | 4605 | 4609 | 4613 | 4617 | 4621 | 4625 | 4629 | 4633 | 4637 | 4641 | 4645 | 4649 | 4653 | 4657 | 4661 | 4665 | 4669 | 4673 | 4677 | 4681 | 4685 | 4689 | 4693 | 4697 | 4701 | 4705 | 4709 | 4713 | 4717 | 4721 | 4725 | 4729 | 4733 | 4737 | 4741 | 4745 | 4749 | 4753 | 4757 | 4761 | 4765 | 4769 | 4773 | 4777 | 4781 | 4785 | 4789 | 4793 | 4797 | 4801 | 4805 | 4809 | 4813 | 4817 | 4821 | 4825 | 4829 | 4833 | 4837 | 4841 | 4845 | 4849 | 4853 | 4857 | 4861 | 4865 | 4869 | 4873 | 4877 | 4881 | 4885 | 4889 | 4893 | 4897 | 4901 | 4905 | 4909 | 4913 | 4917 | 4921 | 4925 | 4929 | 4933 | 4937 | 4941 | 4945 | 4949 | 4953 | 4957 | 4961 | 4965 | 4969 | 4973 | 4977 | 4981 | 4985 | 4989 | 4993 | 4997 | 5001 | 5005 | 5009 | 5013 | 5017 | 5021 | 5025 | 5029 | 5033 | 5037 | 5041 | 5045 | 5049 | 5053 | 5057 | 5061 | 5065 | 5069 | 5073 | 5077 | 5081 | 5085 | 5089 | 5093 | 5097 | 5101 | 5105 | 5109 | 5113 | 5117 | 5121 | 5125 | 5129 | 5133 | 5137 | 5141 | 5145 | 5149 | 5153 | 5157 | 5161 | 5165 | 5169 | 5173 | 5177 | 5181 | 5185 | 5189 | 5193 | 5197 | 5201 | 5205 | 5209 | 5213 | 5217 | 5221 | 5225 | 5229 | 5233 | 5237 | 5241 | 5245 | 5249 | 5253 | 5257 | 5261 | 5265 | 5269 | 5273 | 5277 | 5281 | 5285 | 5289 | 5293 | 5297 | 5301 | 5305 | 5309 | 5313 | 5317 | 5321 | 5325 | 5329 | 5333 | 5337 | 5341 | 5345 | 5349 | 5353 | 5357 | 5361 | 5365 | 5369 | 5373 | 5377 | 5381 | 5385 | 5389 | 5393 | 5397 | 5401 | 5405 | 5409 | 5413 | 5417 | 5421 | 5425 | 5429 | 5433 | 5437 | 5441 | 5445 | 5449 | 5453 | 5457 | 5461 | 5465 | 5469 | 5473 | 5477 | 5481 | 5485 | 5489 | 5493 | 5497 | 5501 | 5505 | 5509 | 5513 | 5517 | 5521 | 5525 | 5529 | 5533 | 5537 | 5541 | 5545 | 5549 | 5553 | 5557 | 5561 | 5565 | 5569 | 5573 | 5577 | 5581 | 5585 | 5589 | 5593 | 5597 | 5601 | 5605 | 5609 | 5613 | 5617 | 5621 | 5625 | 5629 | 5633 | 5637 | 5641 | 5645 | 5649 | 5653 | 5657 | 5661 | 5665 | 5669 | 5673 | 5677 | 5681 | 5685 | 5689 | 5693 | 5697 | 5701 | 5705 | 5709 | 5713 | 5717 | 5721 | 5725 | 5729 | 5733 | 5737 | 5741 | 5745 | 5749 | 5753 | 5757 | 5761 | 5765 | 5769 | 5773 | 5777 | 5781 | 5785 | 5789 | 5793 | 5797 | 5801 | 5805 | 5809 | 5813 | 5817 | 5821 | 5825 | 5829 | 5833 | 5837 | 5841 | 5845 | 5849 | 5853 | 5857 | 5861 | 5865 | 5869 | 5873 | 5877 | 5881 | 5885 | 5889 | 5893 | 5897 | 5901 | 5905 | 5909 | 5913 | 5917 | 5921 | 5925 | 5929 | 5933 | 5937 | 5941 | 5945 | 5949 | 5953 | 5957 | 5961 | 5965 | 5969 | 5973 | 5977 | 5981 | 5985 | 5989 | 5993 | 5997 | 6001 | 6005 | 6009 | 6013 | 6017 | 6021 | 6025 | 6029 | 6033 | 6037 | 6041 | 6045 | 6049 |

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | | |
|-------------------------------|----------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|---|---|---|
| WISTAR HAN RATS FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | |
| | 3 mg/m3 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | | 7 | 7 | 7 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | | |
| | | 0 | 7 | 2 | 9 | 9 | 0 | 1 | 0 | 2 | 2 | 1 | 5 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | | |
| | | 1 | 2 | 4 | 5 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 |

Subcutaneous Tissue, Inflammation, Chronic Active

2

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Maxilla, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Compression | | 3 | | 3 | 3 | | | | | | 3 | 3 | | | | | | | 3 | 3 | | | | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 |
| Foreign Body | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Antimony trioxide

CAS Number: 1309-64-4

Date Report Requested: 10/15/2014

Time Report Requested: 14:20:05

First Dose M/F: 09/22/08 / 09/22/08

Lab: BNW

| WISTAR HAN RATS FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|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| | 0730 | 0733 | 0737 | 0740 | 0743 | 0747 | 0750 | 0753 | 0757 | 0760 | 0763 | 0767 | 0770 | 0773 | 0777 | 0780 | 0783 | 0787 | 0790 | 0793 | | | 0797 | 0800 | 0803 | 0807 | 0810 | 0813 | 0817 | 0820 | 0823 | 0827 | 0830 | 0833 | 0837 | 0840 | 0843 | 0847 | 0850 | 0853 | 0857 | 0860 | 0863 | 0867 | 0870 | 0873 | 0877 | 0880 | 0883 | 0887 | 0890 | 0893 | 0897 | 0900 | 0903 | 0907 | 0910 | 0913 | 0917 | 0920 | 0923 | 0927 | 0930 | 0933 | 0937 | 0940 | 0943 | 0947 | 0950 | 0953 | 0957 | 0960 | 0963 | 0967 | 0970 | 0973 | 0977 | 0980 | 0983 | 0987 | 0990 | 0993 | 0997 | 1000 | 1003 | 1007 | 1010 | 1013 | 1017 | 1020 | 1023 | 1027 | 1030 | 1033 | 1037 | 1040 | 1043 | 1047 | 1050 | 1053 | 1057 | 1060 | 1063 | 1067 | 1070 | 1073 | 1077 | 1080 | 1083 | 1087 | 1090 | 1093 | 1097 | 1100 | 1103 | 1107 | 1110 | 1113 | 1117 | 1120 | 1123 | 1127 | 1130 | 1133 | 1137 | 1140 | 1143 | 1147 | 1150 | 1153 | 1157 | 1160 | 1163 | 1167 | 1170 | 1173 | 1177 | 1180 | 1183 | 1187 | 1190 | 1193 | 1197 | 1200 | 1203 | 1207 | 1210 | 1213 | 1217 | 1220 | 1223 | 1227 | 1230 | 1233 | 1237 | 1240 | 1243 | 1247 | 1250 | 1253 | 1257 | 1260 | 1263 | 1267 | 1270 | 1273 | 1277 | 1280 | 1283 | 1287 | 1290 | 1293 | 1297 | 1300 | 1303 | 1307 | 1310 | 1313 | 1317 | 1320 | 1323 | 1327 | 1330 | 1333 | 1337 | 1340 | 1343 | 1347 | 1350 | 1353 | 1357 | 1360 | 1363 | 1367 | 1370 | 1373 | 1377 | 1380 | 1383 | 1387 | 1390 | 1393 | 1397 | 1400 | 1403 | 1407 | 1410 | 1413 | 1417 | 1420 | 1423 | 1427 | 1430 | 1433 | 1437 | 1440 | 1443 | 1447 | 1450 | 1453 | 1457 | 1460 | 1463 | 1467 | 1470 | 1473 | 1477 | 1480 | 1483 | 1487 | 1490 | 1493 | 1497 | 1500 | 1503 | 1507 | 1510 | 1513 | 1517 | 1520 | 1523 | 1527 | 1530 | 1533 | 1537 | 1540 | 1543 | 1547 | 1550 | 1553 | 1557 | 1560 | 1563 | 1567 | 1570 | 1573 | 1577 | 1580 | 1583 | 1587 | 1590 | 1593 | 1597 | 1600 | 1603 | 1607 | 1610 | 1613 | 1617 | 1620 | 1623 | 1627 | 1630 | 1633 | 1637 | 1640 | 1643 | 1647 | 1650 | 1653 | 1657 | 1660 | 1663 | 1667 | 1670 | 1673 | 1677 | 1680 | 1683 | 1687 | 1690 | 1693 | 1697 | 1700 | 1703 | 1707 | 1710 | 1713 | 1717 | 1720 | 1723 | 1727 | 1730 | 1733 | 1737 | 1740 | 1743 | 1747 | 1750 | 1753 | 1757 | 1760 | 1763 | 1767 | 1770 | 1773 | 1777 | 1780 | 1783 | 1787 | 1790 | 1793 | 1797 | 1800 | 1803 | 1807 | 1810 | 1813 | 1817 | 1820 | 1823 | 1827 | 1830 | 1833 | 1837 | 1840 | 1843 | 1847 | 1850 | 1853 | 1857 | 1860 | 1863 | 1867 | 1870 | 1873 | 1877 | 1880 | 1883 | 1887 | 1890 | 1893 | 1897 | 1900 | 1903 | 1907 | 1910 | 1913 | 1917 | 1920 | 1923 | 1927 | 1930 | 1933 | 1937 | 1940 | 1943 | 1947 | 1950 | 1953 | 1957 | 1960 | 1963 | 1967 | 1970 | 1973 | 1977 | 1980 | 1983 | 1987 | 1990 | 1993 | 1997 | 2000 | 2003 | 2007 | 2010 | 2013 | 2017 | 2020 | 2023 | 2027 | 2030 | 2033 | 2037 | 2040 | 2043 | 2047 | 2050 | 2053 | 2057 | 2060 | 2063 | 2067 | 2070 | 2073 | 2077 | 2080 | 2083 | 2087 | 2090 | 2093 | 2097 | 2100 | 2103 | 2107 | 2110 | 2113 | 2117 | 2120 | 2123 | 2127 | 2130 | 2133 | 2137 | 2140 | 2143 | 2147 | 2150 | 2153 | 2157 | 2160 | 2163 | 2167 | 2170 | 2173 | 2177 | 2180 | 2183 | 2187 | 2190 | 2193 | 2197 | 2200 | 2203 | 2207 | 2210 | 2213 | 2217 | 2220 | 2223 | 2227 | 2230 | 2233 | 2237 | 2240 | 2243 | 2247 | 2250 | 2253 | 2257 | 2260 | 2263 | 2267 | 2270 | 2273 | 2277 | 2280 | 2283 | 2287 | 2290 | 2293 | 2297 | 2300 | 2303 | 2307 | 2310 | 2313 | 2317 | 2320 | 2323 | 2327 | 2330 | 2333 | 2337 | 2340 | 2343 | 2347 | 2350 | 2353 | 2357 | 2360 | 2363 | 2367 | 2370 | 2373 | 2377 | 2380 | 2383 | 2387 | 2390 | 2393 | 2397 | 2400 | 2403 | 2407 | 2410 | 2413 | 2417 | 2420 | 2423 | 2427 | 2430 | 2433 | 2437 | 2440 | 2443 | 2447 | 2450 | 2453 | 2457 | 2460 | 2463 | 2467 | 2470 | 2473 | 2477 | 2480 | 2483 | 2487 | 2490 | 2493 | 2497 | 2500 | 2503 | 2507 | 2510 | 2513 | 2517 | 2520 | 2523 | 2527 | 2530 | 2533 | 2537 | 2540 | 2543 | 2547 | 2550 | 2553 | 2557 | 2560 | 2563 | 2567 | 2570 | 2573 | 2577 | 2580 | 2583 | 2587 | 2590 | 2593 | 2597 | 2600 | 2603 | 2607 | 2610 | 2613 | 2617 | 2620 | 2623 | 2627 | 2630 | 2633 | 2637 | 2640 | 2643 | 2647 | 2650 | 2653 | 2657 | 2660 | 2663 | 2667 | 2670 | 2673 | 2677 | 2680 | 2683 | 2687 | 2690 | 2693 | 2697 | 2700 | 2703 | 2707 | 2710 | 2713 | 2717 | 2720 | 2723 | 2727 | 2730 | 2733 | 2737 | 2740 | 2743 | 2747 | 2750 | 2753 | 2757 | 2760 | 2763 | 2767 | 2770 | 2773 | 2777 | 2780 | 2783 | 2787 | 2790 | 2793 | 2797 | 2800 | 2803 | 2807 | 2810 | 2813 | 2817 | 2820 | 2823 | 2827 | 2830 | 2833 | 2837 | 2840 | 2843 | 2847 | 2850 | 2853 | 2857 | 2860 | 2863 | 2867 | 2870 | 2873 | 2877 | 2880 | 2883 | 2887 | 2890 | 2893 | 2897 | 2900 | 2903 | 2907 | 2910 | 2913 | 2917 | 2920 | 2923 | 2927 | 2930 | 2933 | 2937 | 2940 | 2943 | 2947 | 2950 | 2953 | 2957 | 2960 | 2963 | 2967 | 2970 | 2973 | 2977 | 2980 | 2983 | 2987 | 2990 | 2993 | 2997 | 3000 | 3003 | 3007 | 3010 | 3013 | 3017 | 3020 | 3023 | 3027 | 3030 | 3033 | 3037 | 3040 | 3043 | 3047 | 3050 | 3053 | 3057 | 3060 | 3063 | 3067 | 3070 | 3073 | 3077 | 3080 | 3083 | 3087 | 3090 | 3093 | 3097 | 3100 | 3103 | 3107 | 3110 | 3113 | 3117 | 3120 | 3123 | 3127 | 3130 | 3133 | 3137 | 3140 | 3143 | 3147 | 3150 | 3153 | 3157 | 3160 | 3163 | 3167 | 3170 | 3173 | 3177 | 3180 | 3183 | 3187 | 3190 | 3193 | 3197 | 3200 | 3203 | 3207 | 3210 | 3213 | 3217 | 3220 | 3223 | 3227 | 3230 | 3233 | 3237 | 3240 | 3243 | 3247 | 3250 | 3253 | 3257 | 3260 | 3263 | 3267 | 3270 | 3273 | 3277 | 3280 | 3283 | 3287 | 3290 | 3293 | 3297 | 3300 | 3303 | 3307 | 3310 | 3313 | 3317 | 3320 | 3323 | 3327 | 3330 | 3333 | 3337 | 3340 | 3343 | 3347 | 3350 | 3353 | 3357 | 3360 | 3363 | 3367 | 3370 | 3373 | 3377 | 3380 | 3383 | 3387 | 3390 | 3393 | 3397 | 3400 | 3403 | 3407 | 3410 | 3413 | 3417 | 3420 | 3423 | 3427 | 3430 | 3433 | 3437 | 3440 | 3443 | 3447 | 3450 | 3453 | 3457 | 3460 | 3463 | 3467 | 3470 | 3473 | 3477 | 3480 | 3483 | 3487 | 3490 | 3493 | 3497 | 3500 | 3503 | 3507 | 3510 | 3513 | 3517 | 3520 | 3523 | 3527 | 3530 | 3533 | 3537 | 3540 | 3543 | 3547 | 3550 | 3553 | 3557 | 3560 | 3563 | 3567 | 3570 | 3573 | 3577 | 3580 | 3583 | 3587 | 3590 | 3593 | 3597 | 3600 | 3603 | 3607 | 3610 | 3613 | 3617 | 3620 | 3623 | 3627 | 3630 | 3633 | 3637 | 3640 | 3643 | 3647 | 3650 | 3653 | 3657 | 3660 | 3663 | 3667 | 3670 | 3673 | 3677 | 3680 | 3683 | 3687 | 3690 | 3693 | 3697 | 3700 | 3703 | 3707 | 3710 | 3713 | 3717 | 3720 | 3723 | 3727 | 3730 | 3733 | 3737 | 3740 | 3743 | 3747 | 3750 | 3753 | 3757 | 3760 | 3763 | 3767 | 3770 | 3773 | 3777 | 3780 | 3783 | 3787 | 3790 | 3793 | 3797 | 3800 | 3803 | 3807 | 3810 | 3813 | 3817 | 3820 | 3823 | 3827 | 3830 | 3833 | 3837 | 3840 | 3843 | 3847 | 3850 | 3853 | 3857 | 3860 | 3863 | 3867 | 3870 | 3873 | 3877 | 3880 | 3883 | 3887 | 3890 | 3893 | 3897 | 3900 | 3903 | 3907 | 3910 | 3913 | 3917 | 3920 | 3923 | 3927 | 3930 | 3933 | 3937 | 3940 | 3943 | 3947 | 3950 | 3953 | 3957 | 3960 | 3963 | 3967 | 3970 | 3973 | 3977 | 3980 | 3983 | 3987 | 3990 | 3993 | 3997 | 4000 | 4003 | 4007 | 4010 | 4013 | 4017 | 4020 | 4023 | 4027 | 4030 | 4033 | 4037 | 4040 | 4043 | 4047 | 4050 | 4053 | 4057 | 4060 | 4063 | 4067 | 4070 | 4073 | 4077 | 4080 | 4083 | 4087 | 4090 | 4093 | 4097 | 4100 | 4103 | 4107 | 4110 | 4113 | 4117 | 4120 | 4123 | 4127 | 4130 | 4133 | 4137 | 4140 | 4143 | 4147 | 4150 | 4153 | 4157 | 4160 | 4163 | 4167 | 4170 | 4173 | 4177 | 4180 | 4183 | 4187 | 4190 | 4193 | 4197 | 4200 | 4203 | 4207 | 4210 | 4213 | 4217 | 4220 | 4223 | 4227 | 4230 | 4233 | 4237 | 4240 | 4243 | 4247 | 4250 | 4253 | 4257 | 4260 | 4263 | 4267 | 4270 | 4273 | 4277 | 4280 | 4283 | 4287 | 4290 | 4293 | 4297 | 4300 | 4303 | 4307 | 4310 | 4313 | 4317 | 4320 | 4323 | 4327 | 4330 | 4333 | 4337 | 4340 | 4343 | 4347 | 4350 | 4353 | 4357 | 4360 | 4363 | 4367 | 4370 | 4373 | 4377 | 4380 | 4383 | 4387 | 4390 | 4393 | 4397 | 4400 | 4403 | 4407 | 4410 | 4413 | 4417 | 4420 | 4423 | 4427 | 4430 | 4433 | 4437 | 4440 | 4443 | 4447 | 4450 | 4453 | 4457 | 4460 | 4463 | 4467 | 4470 | 4473 | 4477 | 4480 | 4483 | 4487 | 4490 | 4493 | 4497 | 4500 | 4503 | 4507 | 4510 | 4513 | 4517 | 4520 | 4523 | 4527 | 4530 | 4533 | 4537 | 4540 | 4543 | 4547 | 4550 | 4553 | 4557 | 4560 | 4563 | 4567 | 4570 | 4573 | 4577 | 4580 | 4583 | 4587 | 4590 | 4593 | 4597 | 4600 | 4603 | 4607 | 4610 | 4613 | 4617 | 4620 | 4623 | 4627 | 4630 | 4633 | 4637 | 4640 | 4643 | 4647 | 4650 | 4653 | 4657 | 4660 | 4663 | 4667 | 4670 | 4673 | 4677 | 4680 | 4683 | 4687 | 4690 | 4693 | 4697 | 4700 | 4703 | 4707 | 4710 | 4713 | 4717 | 4720 | 4723 | 4727 | 4730 | 4733 | 4737 | 4740 | 4743 | 4747 | 4750 | 4753 | 4757 | 4760 | 4763 | 4767 | 4770 | 4773 | 4777 | 4780 | 4783 | 4787 | 4790 | 4793 | 4797 | 4800 | 4803 | 4807 | 4810 | 4813 | 4817 | 4820 | 4823 | 4827 | 4830 | 4833 | 4837 | 4840 | 4843 | 4847 | 4850 | 4853 | 4857 | 4860 | 4863 | 4867 | 4870 | 4873 | 4877 | 4880 | 4883 | 4887 | 4890 | 4893 | 4897 | 4900 | 4903 | 4907 | 4910 | 4913 | 4917 | 4920 | 4923 | 4927 | 4930 | 4933 | 4937 | 4940 | 4943 | 4947 | 4950 | 4953 | 4957 | 4960 | 4963 | 4967 | 4970 | 4973 | 4977 | 4980 | 4983 | 4987 | 4990 | 4993 | 4997 | 5000 | 5003 | 5007 | 5010 | 5013 | 5017 | 5020 | 5023 | 5027 | 5030 | 5033 | 5037 | 5040 | 5043 | 5047 | 5050 | 5053 | 5057 | 5060 | 5063 | 5067 | 5070 |

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|
| | 0
7
3
0 | 0
5
3
7 | 0
7
3
2 | 0
7
0
9 | 0
6
4
9 | 0
7
3
0 | 0
7
3
1 | 0
7
3
0 | 0
7
3
2 | 0
7
3
1 | 0
7
3
5 | 0
7
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1 | 0
7
3
1 | 0
7
3
2 | 0
7
3
2 | 0
7
3
2 | 0
7
3
2 | 0
7
3
2 | 0
5
3
3 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
7
3
0 | 0
7
3
1 | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pelvis, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pelvis, Mineralization | 1 | 2 | 2 | | 2 | | 1 | | 1 | | 1 | 1 | | | | | 1 | | 3 | | 1 | | 2 | 2 | 1 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|----------|
| | 0730 | 0733 | 0732 | 0731 | 0777 | 0765 | 0775 | 0777 | 0755 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0757 | 0777 | 0766 | 0766 | 0777 | 0777 | 0777 | 0777 | | |
| 3 mg/m3 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | | |
| ANIMAL ID | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | | |
| | 23 | 35 | 67 | 97 | 09 | 01 | 02 | 03 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 04 | 05 | 05 | 05 | 05 | 05 | 05 | 05 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Edema | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | 2 | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Basophilic Focus | | | | | | X | | | | | | X | | | | | | | | | | | | 7 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | X | | | | 5 |
| Congestion | | | | | | | | | | | | | | | | | | | | 1 | | | | 4 1.3 |
| Cyst | | 2 | | | | | | | | | | | | | | | | | | | | 2 | | 4 2.0 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Fatty Change | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hepatodiaphragmatic Nodule | | | | | X | | | | | | | | | | | | | | | | | | | 2 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | X | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 07 | 07 | 07 | 07 | 06 | 05 | 07 | 07 | 05 | 07 | 07 | 07 | 07 | 07 | 07 | 05 | 07 | 07 | 06 | 06 | 07 | 07 | 07 | 07 | |
| 3 mg/m3 | 30 | 32 | 32 | 31 | 77 | 13 | 33 | 83 | 33 | 31 | 11 | 12 | 22 | 22 | 38 | 33 | 31 | 11 | 27 | 23 | 33 | 33 | 33 | 32 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | |
| | 33 | 33 | 33 | 33 | 33 | 33 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 56 | |
| | 23 | 55 | 66 | 77 | 99 | 00 | 11 | 22 | 33 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Degeneration, Cystic | 3 | 2 | 3 | 3 | 2 | 2 | 4 | 1 | 3 | 2 | | 2 | 2 | 4 | 3 | 2 | 1 | 3 | | 2 | 2 | 2 | 3 | 3 | 3 | 44 | 2.4 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hyperplasia | 2 | | 2 | | 3 | | | 2 | | | | | | | 1 | | 2 | | 1 | 1 | 3 | | 1 | 2 | 4 | 23 | 2.0 |
| Hypertrophy | | | | | | | | | | | | 3 | | | | | | | | | | | | | | 2 | 3.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Atrophy | | | | | | | 2 | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Parathyroid Gland | M | + | + | + | + | + | M | + | + | M | M | + | + | M | M | + | M | + | M | + | + | + | + | + | 41 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 | 2.0 |
| Pars Distalis, Hyperplasia | | | | | | | | | 2 | | 2 | | | 1 | 2 | | | 2 | | | 3 | | 4 | 3 | 16 | 2.4 | |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| C-cell, Hyperplasia | 2 | 2 | | | | | | | | | | 1 | 1 | | | | 2 | | | | 1 | | 1 | 3 | 16 | 1.8 | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.7 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|--------|------|
| | 0730 | 0733 | 0732 | 0731 | 0777 | 0765 | 0775 | 0777 | 0755 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0755 | 0777 | 0777 | 0766 | 0766 | | 0777 | 0777 | 0777 | 0777 | 0777 |
| ANIMAL ID | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Cyst | | | | | | | | | | | | | | | 1 | | 3 | | 1 | | 2 | | | 2 | 10 1.9 | |
| Hemorrhage | | | | | | | | 3 | | | | | | | | | | | | | | | | | 1 3.0 | |
| Granulosa Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Interstitial Cell, Hyperplasia | | | | | | 2 | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Dilatation | | | | | | | 3 | | | | | 4 | | | | | | | | | | | | | 3 3.0 | |
| Inflammation, Chronic Active | | | | | | 3 | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Endometrial Glands, Metaplasia, Squamous | 1 | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | 4 1.0 | |
| Endometrium, Hyperplasia | | | | | | | | | | | | | | | | 2 | | | | | | | | | 1 2.0 | |
| Endometrium, Hyperplasia, Cystic | 2 | | | | | 4 | | | | | | | | | 2 | | | 2 | | | | | 1 | | 17 2.3 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | 1 | 1 | 1 | | | | | | | | | 1 | | | | | | | | | 5 1.0 | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Lumbar, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Lymph Node, Bronchial | + | + | M | M | + | + | + | + | M | + | M | + | M | M | + | M | + | M | M | + | + | + | + | + | 36 | |
| Foreign Body | X | X | | | X | X | X | X | | X | | X | | | X | X | | | | X | X | X | X | | 35 | |
| Hyperplasia, Lymphoid | 1 | 1 | | | 1 | | 1 | | | | | 1 | | | 1 | | 1 | | | | 1 | | 1 | | 21 1.0 | |
| Pigmentation | 1 | 2 | | | | | | | | | | | | | | | | | | | | | 2 | | 12 1.5 | |
| Lymph Node, Mandibular | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | 46 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|-------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|------|----|----|----|----|
| | 0730 | 0732 | 0733 | 0731 | 0737 | 0735 | 0737 | 0735 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | | 0737 | | | | |
| ANIMAL ID | 003332 | 003333 | 003335 | 003336 | 003337 | 003339 | 003340 | 003341 | 003342 | 003343 | 003344 | 003345 | 003346 | 003347 | 003348 | 003349 | 003350 | 003351 | 003352 | 003353 | 003354 | | | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | X | 1 | | | |
| Lymph Node, Mediastinal
Fibrosis | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Foreign Body | | X | | | X | X | X | | | X | | X | X | X | X | | X | X | | | X | | 27 | | | |
| Hyperplasia, Lymphoid | | 1 | | | | | 1 | | | 1 | | | 2 | 1 | | | 1 | 1 | | | | | 14 | | | |
| Pigmentation | 2 | | 2 | 1 | 2 | 2 | | | 2 | 2 | 2 | 2 | 1 | | 2 | 2 | 1 | 2 | | 2 | 2 | 1 | 1 | 2 | 42 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Spleen
Congestion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Hematopoietic Cell Proliferation | 2 | 2 | 1 | 1 | 3 | | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 3 | 1 | 2 | | | 2 | 1 | 2 | 2 | 2 | 43 |
| Thymus
Cyst | I | + | + | M | + | + | + | M | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | 41 | |
| Depletion Cellular | | | | | | | 2 | | | | | | | | | | | | | | | | 3 | 1 | | |
| Hemorrhage | | 2 | | | | | | | | | 2 | | | | | 1 | | | | | | | | 4 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland
Galactocoele | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | | | | | | | | 2 | 2 | | | | | 3 | | | | 2 | 2 | 3 | | | | 9 | | |
| Skin
Cyst, Squamous | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | 49 | | |
| Inflammation, Chronic Active | 3 | | | | | | | 3 | | | | | | | 2 | | | | | | 3 | | | 4 | | |
| Ulcer | 3 | | | | | | | 3 | | | | | | 3 | | | | | | | | | | 5 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

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 Species/Strain: RATS/Wistar Han

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 Antimony trioxide
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 Lab: BNW

| WISTAR HAN RATS FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-------|--------|
| | 0730 | 0733 | 0733 | 0731 | 0777 | 0751 | 0777 | 0757 | 0777 | 0757 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | | 0777 | |
| ANIMAL ID | 003332 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | 003333 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Inflammation, Chronic Active | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 50 2.3 |
| Proteinosis | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 50 2.4 |
| Alveolar Epithelium, Hyperplasia | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 4 | 2 | 2 | 1 | 3 | 1 | 3 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 50 1.9 |
| Alveolar Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | 1 | | | | | | | | | | 5 1.8 |
| Alveolus, Inflammation, Suppurative | | | | | 1 | | | | | 1 | | | | | | | | | | | | | 5 1.0 |
| Bronchiole, Epithelium, Hyperplasia | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | | | 2 | | 1 | | 1 | 26 1.1 |
| Perivascular, Infiltration Cellular, Lymphocyte | 1 | | | | | | | 1 | | 1 | | | | | | 1 | 1 | | | 1 | 1 | 1 | 18 1.1 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Foreign Body | | | | | | | | | | | | | X | X | | | | | X | | | | 5 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | 1 | | | | 2 | | | | 6 1.7 |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | | | | 1 | | 1 | | 2 | 2 | | | | | | | 1 | | | | | 1 | 14 1.8 |
| Olfactory Epithelium, Metaplasia, Respiratory | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Respiratory Epithelium, Degeneration | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | 1 | | | | | 2 | | | 2 | 6 1.3 |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | 2 | | | | 2 1.5 |
| Respiratory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Foreign Body | X | X | | | X | X | X | X | | X | X | | X | X | X | X | | X | X | | | X | 39 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lens, Degeneration | | | | | | | | | | | | | | | 2 | | | | 4 | | | | 2 3.0 |
| Retina, Atrophy | | | 3 | | 1 | 3 | | | | | | | | | 2 | | 1 | 2 | 3 | | 3 | | 2 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

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Experiment Number: 20601 - 03
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| WISTAR HAN RATS FEMALE
3 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|----------|
| | 0730 | 0733 | 0733 | 0731 | 0777 | 0751 | 0777 | 0757 | 0777 | 0758 | 0733 | 0733 | 0733 | 0733 | 0733 | 0738 | 0733 | 0733 | 0766 | 0766 | 0777 | 0777 | 0777 | 0777 | | |
| ANIMAL ID | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst | | 3 | | | | | | | | | | | | | | | | | | | 2 | | | | 2 2.5 | |
| Infarct | | 2 | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 | |
| Nephropathy | 1 | 1 | | 1 | | | | | 1 | | | 1 | | | | | | | | 1 | 1 | | | 1 | 15 1.0 | |
| Pelvis, Inflammation, Chronic Active | | | | 1 | 2 | | 1 | | | | | | | | | | | | | | | | | | 3 1.3 | |
| Pelvis, Mineralization | | | 1 | 1 | 1 | | 1 | 2 | | 2 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | | | 1 | 3 | 1 | 30 1.4 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
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 Lab: BNW

| WISTAR HAN RATS FEMALE
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | |
|--------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|---|---|
| | 0668 | 0731 | 0732 | 0733 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | 0741 | 0742 | 0743 | 0744 | 0745 | 0746 | 0747 | 0748 | 0749 | | | 0750 | | |
| Axillary, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Congestion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | + | + | + | + | + | M | M | + | M | M | M | + | + | + | + | + | + | + | + | M | + | M | M | + | |
| Foreign Body | X | X | X | X | X | | | X | | | | X | X | X | X | X | | | X | X | | | | | |
| Hyperplasia, Lymphoid | 2 | | | | 1 | | | 1 | | | | | 1 | | | | | 3 | | 1 | | | | | |
| Pigmentation | | 1 | | | | | | | | | | | | | | | | 1 | | | | 2 | | 2 | |
| Lymph Node, Mandibular | M | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | M | + | + | + | + | + | + | + | |
| Foreign Body | | X | | X | | X | X | | X | | | | | X | | | | X | X | X | X | X | | X | X |
| Hyperplasia, Lymphoid | | 1 | | 1 | | | | | | | | | | | | | | 1 | | | | | 1 | | |
| Pigmentation | 2 | 2 | 2 | 1 | 1 | | 1 | 2 | 1 | 1 | 1 | | | 2 | 1 | 1 | | 1 | 1 | 2 | 1 | | 1 | 2 | 1 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 3 | 2 | 2 | | 3 | 3 | 3 | 3 | 2 | 3 | 1 | 3 | 2 | | 2 | 3 | 3 | 2 | 2 | 1 | 3 | 2 | 2 | 2 | 3 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + | + | + | + | + | + | M | + | M | I | + | + | M | + | + | M | + | I | + | + | + | + | M | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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1) Minimal 3) Moderate

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Experiment Number: 20601 - 03
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|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|------|-----|
| | 0718 | 0713 | 0714 | 0710 | 0711 | 0712 | 0716 | 0714 | 0717 | 0718 | 0713 | 0711 | 0716 | 0717 | 0713 | 0711 | 0716 | 0715 | 0716 | 0717 | | 0717 | 0717 | 0717 | 0715 | 0718 | |
| ANIMAL ID | 00532 | 00533 | 00535 | 00506 | 00507 | 00509 | 00500 | 00501 | 00502 | 00503 | 00504 | 00505 | 00506 | 00507 | 00508 | 00509 | 00510 | 00511 | 00512 | 00513 | 00514 | 00515 | 00516 | 00517 | 00518 | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Bile Duct, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Hepatocyte, Hypertrophy, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Mesentery | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fat, Necrosis | | | | | | | | | | | 3 | | | | | | | | | 2 | | 1 | | | 3 | 2.0 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Atrophy | | | | | | | | | | | | | 2 | | | | | | | 2 | 2 | 2 | 2 | 2 | | 9 | 1.7 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 | 2.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | 2 | | | | | | | | | 3 | 2.0 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia, Squamous | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy | | 1 | 2 | 1 | 1 | | | 1 | | 2 | 1 | | | 1 | 1 | 2 | | | | | | | | | | 29 | 1.1 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Valve, Inflammation, Chronic Active | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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|------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
| | 0718 | 0713 | 0714 | 0703 | 0703 | 0703 | 0703 | 0706 | 0704 | 0707 | 0707 | 0707 | 0706 | 0706 | 0707 | 0707 | 0706 | 0705 | 0706 | 0707 | | 0707 | 0707 | 0707 |
| 10 mg/m3 | 00532 | 00533 | 00533 | 00533 | 00533 | 00533 | 00534 | 00544 | 00544 | 00544 | 00544 | 00544 | 00544 | 00544 | 00545 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00555 | 00556 |
| | 2 | 3 | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|--|---|---|---|---|--|---|---|--|---|---|---|---|---|----|-----|-----|---|-----|---|-----|--|---|---|---|---|---|---|---|----|-----|---|---|----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|----|-----|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration, Cystic | | 1 | | 1 | 2 | | 3 | 3 | | 3 | 3 | 2 | 1 | | 3 | 1 | | 3 | 3 | 2 | 2 | 2 | 39 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 3 | 1 | 1 | 4 | 1 | 4 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 1 | 1 | | 2 | 1 | 1 | 2 | 30 | 1.7 | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 1 | 3 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 2 | 2 | | 4 | | 1 | | 2 | | 3 | | 2 | 17 | 2.1 | | | | | | | | | | | | | | | | | | | | | |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C-cell, Hyperplasia | | 3 | | 2 | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 15 | 2.3 |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|------|
| | 0718 | 0713 | 0714 | 0710 | 0711 | 0712 | 0716 | 0714 | 0717 | 0718 | 0716 | 0717 | 0718 | 0716 | 0717 | 0718 | 0716 | 0717 | 0718 | 0716 | | 0717 | 0718 |
| ANIMAL ID | 00532 | 00533 | 00535 | 00536 | 00537 | 00539 | 00540 | 00541 | 00542 | 00543 | 00544 | 00546 | 00547 | 00548 | 00549 | 00550 | 00551 | 00552 | 00553 | 00554 | 00555 | 00556 | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 47 |
| Cyst | | | | 1 | | | | | 2 | | | 1 | | | | | | | | | | | 4 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 3 | 2 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.5 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Cyst | | | 1 | | | | 2 | | | 2 | | | | | | | 1 | | 1 | | | | 14 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.4 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.5 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| Granulosa Cell, Hyperplasia | | | | | | | | | 1 | | 2 | | | | | | | | | | | | 2 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.5 |
| Interstitial Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Dilatation | 2 | | | | | | | | | | | | | | | | | | | | | | 1 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Inflammation, Suppurative | | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 3.0 |
| Endometrial Glands, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| Endometrial Glands, Metaplasia, Squamous | | | | | | | 1 | | | | | | | | | | | | | | | | 2 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| Endometrium, Hyperplasia | | | | 1 | | | | | | | 2 | | | | | | | | | | | | 2 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.5 |
| Endometrium, Hyperplasia, Cystic | | 2 | | | | 2 | | | | 2 | | | | | | | | | | | | | 6 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.8 |
| Vagina | | | | | | | | | | + | | | | | | | | | | | | | 1 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemorrhage | 1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| Hyperplasia | | 1 | | | | | | 1 | 1 | | | | | | 1 | 1 | | | | | 1 | | 11 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| Lymph Node | | | | | | | | | | + | | | | | | | | | | | | | 3 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
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 Antimony trioxide
 CAS Number: 1309-64-4

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 Lab: BNW

| WISTAR HAN RATS FEMALE
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|----|
| | 0718 | 0713 | 0714 | 0730 | 0731 | 0733 | 0735 | 0738 | 0742 | 0748 | 0752 | 0757 | 0761 | 0766 | 0771 | 0777 | 0782 | 0788 | 0793 | 0798 | | 0804 | |
| ANIMAL ID | 00532 | 00533 | 00535 | 00536 | 00537 | 00539 | 00540 | 00541 | 00542 | 00543 | 00544 | 00545 | 00546 | 00547 | 00548 | 00549 | 00550 | 00551 | 00552 | 00553 | 00554 | | |
| Axillary, Ectasia | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Iliac, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Lumbar, Ectasia | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Renal, Congestion | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Renal, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node, Bronchial Foreign Body | + | M | M | M | + | M | + | + | + | + | M | M | + | M | + | + | M | + | M | M | M | M | 28 |
| Hyperplasia, Lymphoid Pigmentation | | | | | X | | X | X | | X | X | | X | X | | X | | | | | | | 23 |
| | | | | | | | | 1 | | | 2 | | | | 2 | | | | | | | | 9 |
| | 1 | | | | | | | | 1 | 2 | 1 | | | | | | | | | | | | 8 |
| Lymph Node, Mandibular Ectasia | + | M | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | 44 |
| | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node, Mediastinal Foreign Body | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 46 |
| Hyperplasia, Lymphoid Pigmentation | X | X | X | X | X | | X | X | X | X | X | | X | | | X | | X | X | X | X | X | 32 |
| | | | | 1 | | | 1 | | | 2 | 1 | | | | | | | | | 1 | | 2 | 10 |
| | 2 | 2 | 2 | 2 | 1 | 2 | 1 | | 1 | | 1 | 1 | 1 | 2 | 1 | 1 | 1 | | 2 | 2 | 2 | 1 | 41 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Spleen Congestion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Artery, Necrosis | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Thymus | + | + | + | M | + | + | + | M | + | + | + | + | I | + | + | M | + | M | + | + | + | + | 37 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:
 X .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
 I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
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| WISTAR HAN RATS FEMALE
10 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|----|-----|-----|-----|
| | 0718 | 0713 | 0714 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | 0713 | | 0713 | 0713 | | | | | | | | |
| ANIMAL ID | 00532 | 00533 | 00535 | 00536 | 00537 | 00539 | 00540 | 00541 | 00542 | 00543 | 00544 | 00545 | 00546 | 00547 | 00548 | 00549 | 00550 | 00551 | 00552 | 00553 | 00554 | 00555 | 00556 | 00557 | 00558 | 00559 | 00560 | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 1.6 | | |
| Glands, Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | 1 | 3 | | | | | | | | 1 | | | | | | 1 | 2 | | | | | | | | | | | 13 | 1.5 | | |
| Olfactory Epithelium, Vacuolization Cytoplasmic | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 | |
| Respiratory Epithelium, Hyperplasia | 1 | 2 | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 7 | 1.3 | |
| Respiratory Epithelium, Metaplasia, Squamous | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.0 | |
| Respiratory Epithelium, Necrosis | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 | |
| Respiratory Epithelium, Regeneration | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 | 2.0 | |
| Squamous Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Foreign Body | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 47 | | |
| Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Epithelium, Regeneration | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Ciliary Body, Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Lens, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Posterior Chamber, Exudate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Retina, Atrophy | | | 3 | | 2 | 3 | 2 | | | | | | | | 1 | 3 | 2 | 2 | | | | | | | | | | | | 18 | 2.1 |
| Retina, Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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1-4 .. Lesion qualified as:
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Experiment Number: 20601 - 03
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| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------|
| WISTAR HAN RATS FEMALE | DAY ON TEST | 0600 | 0537 | 0691 | 0732 | 0771 | 0777 | 0777 | 0777 | 0777 | 0676 | 0777 | 0777 | 0575 | 0777 | 0775 | 0777 | 0777 | 0777 | 0777 | 0676 | 0777 | 0474 | females
(cont...) |
| | 30 mg/m3 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | 0070 | |
| | ANIMAL ID | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | 0700 | |

Tooth Malformation

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | 1 | 1 | 1 | 1 | 1 | | | | 2 | 1 | 1 | | | 1 | 1 | | | 2 | 2 | 2 | 1 | 1 | 1 |
| Valve, Fibrosis | | | | | | | | | | | | | | | | | | 3 | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Degeneration, Cystic | 1 | | 2 | 3 | 1 | 1 | 3 | 2 | | 3 | | 3 | | 2 | 3 | | | 1 | 1 | 3 | 3 | 2 | 2 |
| Degeneration, Fatty | | | | | | | | | | | 4 | | | | | | | | | | | | |
| Hyperplasia | | | 2 | | 4 | | 2 | | 2 | 1 | | | | 1 | | | 2 | 1 | 1 | 1 | | 1 | 2 |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | 3 | | 3 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | M | M | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| Pars Distalis, Hyperplasia | | | 3 | | | | 2 | 3 | 4 | | | | | | 2 | 2 | | 2 | 1 | 3 | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|
| | 0600 | 0503 | 0609 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0607 | 0707 | 0705 | 0707 | 0705 | 0707 | 0707 | 0707 | 0707 | 0606 | 0706 | 0706 | 0607 | 0704 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070001 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070002 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070003 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070004 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070005 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070006 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070007 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070008 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070009 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070010 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070011 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070012 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070013 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070014 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070015 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070016 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070017 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070018 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070019 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070020 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070021 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070022 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070023 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070024 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070025 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070026 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070027 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070028 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070029 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0070030 | |

Pars Intermedia, Hyperplasia

3

Thyroid Gland
 C-cell, Hyperplasia
 Follicle, Cyst

+
 4 1 1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland
 Fibrosis
 Inflammation, Chronic Active

+
 3 2 1 2

Ovary
 Congestion
 Cyst
 Fibrosis
 Hemorrhage
 Inflammation, Chronic Active
 Mineralization
 Necrosis
 Thrombosis

+
 4 2 1 2 3 3 3

Uterus
 Dilatation
 Hemorrhage
 Inflammation, Suppurative
 Endometrial Glands, Metaplasia, Squamous

+
 3 3 2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| | 0600 | 0537 | 0691 | 0733 | 0773 | 0777 | 0777 | 0777 | 0777 | 0777 | 0676 | 0777 | 0777 | 0575 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0676 | 0777 | 0474 | | |
| 30 mg/m3 | 0071 | 0072 | 0074 | 0075 | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | |

Endometrium, Cyst
 Endometrium, Hyperplasia, Cystic

2
 3 2 2 1 3 3 2

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | 1 | 1 | | | | | | | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | + | | | | | | | | | | | | | | | | | | | | |
| Iliac, Congestion | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Thoracic, Foreign Body | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | M | + | + | + |
| Foreign Body | X | X | | X | X | X | X | | X | X | X | X | X | X | X | X | | X | | | X | X | X |
| Hyperplasia, Lymphoid | | | | | 1 | 1 | | | | | | | 1 | 1 | | | | | | | 1 | 1 | 1 |
| Pigmentation | 2 | | | | | | | | 1 | | | | | 1 | 1 | | | | | | | 2 | 1 |
| Lymph Node, Mandibular | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body | | | | | | | | | | | | | | X | X | | | X | | | | | X |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | |
| Foreign Body | | | | | | | X | X | | X | X | | X | | X | X | X | X | X | X | X | X | X |
| Hyperplasia, Lymphoid | | | | | | | | 1 | | | | | | | 1 | | | | | | | 1 | 1 |
| Pigmentation | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | | | 2 | 1 | 2 | | | 1 | 1 | 1 | 1 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation | 3 | 1 | 3 | 3 | 3 | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 1 | 3 | 3 | 3 | 3 | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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 Lab: BNW

| WISTAR HAN RATS FEMALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|
| | 0600 | 0537 | 0691 | 0733 | 0773 | 0777 | 0777 | 0777 | 0777 | 0777 | 0676 | 0777 | 0777 | 0575 | 0777 | 0575 | 0777 | 0777 | 0777 | 0777 | 0676 | 0777 | 0473 | 0777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 1 | |

Femur, Osteomalacia

1

Skeletal Muscle

+

+

Atrophy

Inflammation, Suppurative

2

Inflammation, Chronic Active

4

Necrosis

2

NERVOUS SYSTEM

Brain

+ +

Compression

3

2

2

Hemorrhage

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

Larynx

+ +

Foreign Body

X X

Inflammation, Chronic Active

2

Metaplasia, Squamous

Arteriole, Necrosis

Respiratory Epithelium, Hyperplasia

1

Lung

+ +

Fibrosis

1 1 1 1 3 2 1 2 1 2 2 1 1 2 1 2 1 1 1 1 1 1 2 1

Foreign Body

X X

Inflammation, Chronic Active

2 2 2 2 2 4 2 2 2 2 3 3 2 2 2 2 2 2 2 2 2 2 2 3 2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

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| WISTAR HAN RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0570 | 0731 | 0549 | 0621 | 0668 | 0553 | 0554 | 0667 | 0702 | 0743 | 0766 | 0776 | 0556 | 0667 | 0702 | 0743 | 0666 | 0667 | 0702 | 0743 | 0666 | 0667 | 0702 | 0743 | |
| 30 mg/m3 | 0032 | 0033 | 0035 | 0036 | 0037 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0046 | 0047 | 0048 | 0049 | 0050 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 50 |
| ANIMAL ID | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0734 | 0734 | 0734 | 0734 | 0734 | 0736 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Colon Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 |
| Intestine Large, Colon Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Small, Duodenum Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | 3 | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | |
| Basophilic Focus | | | | X | X | | X | | | | | | | | | | | X | | X | | | | | 6 | |
| Clear Cell Focus | | | | | | X | | | | | | | | | | | | | | | | | | | 2 | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | X | | | 1 | |
| Fibrosis | | | | | | | | | | | 2 | | | | | | | | | | | | | | 2 1.5 | |
| Hepatodiaphragmatic Nodule Inflammation, Chronic Active | | | | | | | | | | | | | | | X | | | | | | | X | | | 4 | |
| Mixed Cell Focus | | | | | | | | | | | | | X | | | | | | | | | | | 1 | 4 1.8 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |

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| WISTAR HAN RATS FEMALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-----|-----|-----|
| | 0570 | 0731 | 0549 | 0621 | 0661 | 0559 | 0553 | 0666 | 0770 | 0743 | 0776 | 0767 | 0556 | 0667 | 0773 | 0664 | 0666 | 0777 | 0773 | 0771 | 0669 | 0771 | 0774 | 0544 | | | | |
| ANIMAL ID | 007332 | 007333 | 007335 | 007336 | 007337 | 007339 | 007340 | 007341 | 007342 | 007343 | 007344 | 007345 | 007346 | 007347 | 007348 | 007349 | 007350 | 007351 | 007352 | 007353 | 007354 | 007355 | 007356 | 007357 | | | | |
| Necrosis | | | | | | | | 2 | | | | | | | | | | | | | | | | | 2 | 1.5 | | |
| Bile Duct, Hyperplasia | | | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Mesentery | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Necrosis | | | | | | | | | 3 | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | 1 | | 1 | | | | | | 3 | | | | 6 | 2.5 | |
| Artery, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.7 | |
| Fat, Necrosis | | | | | | | | | 2 | | | | | | | | | | | | | | | | | 6 | 1.8 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Atrophy | | | 1 | | 1 | 1 | 1 | 1 | | | | | | | | 1 | 1 | | | | | 3 | 2 | | | 16 | 1.3 | |
| Basophilic Focus | | X | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Artery, Hemorrhage | | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | 2 | 1.0 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | 2 | | | | 3 | 2 | | | | | | | | 4 | 1 | 1 | | 8 | 2.5 | |
| Artery, Necrosis | | | | | | | | | | | | | | 2 | | | | | | | | | | | | 4 | 2.0 | |
| Artery, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 | |
| Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia, Squamous | | | | | | | | | | | | | 1 | | | | | | | | | 2 | | | | 6 | 1.5 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Mineralization | | | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 | 2.0 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 | 1.0 | |
| Mineralization | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 1.0 | |

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| WISTAR HAN RATS FEMALE
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|------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|------|---|-----|
| | 0570 | 0731 | 0549 | 0621 | 0618 | 0553 | 0554 | 0667 | 0667 | 0742 | 0747 | 0676 | 0775 | 0659 | 0667 | 0776 | 0666 | 0777 | 0676 | 0777 | | 0491 | 0675 | 0777 | 0493 | | |
| ANIMAL ID | 007332 | 007333 | 007335 | 007336 | 007337 | 007339 | 007340 | 007341 | 007342 | 007343 | 007344 | 007346 | 007347 | 007348 | 007349 | 007350 | 007351 | 007352 | 007353 | 007354 | 007355 | 007356 | 007357 | 007358 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | |
| Tooth Malformation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy | | | | 1 | | 1 | | 1 | 2 | | | 1 | 1 | | | 1 | 1 | 2 | | 1 | 1 | | 1 | 29 | 1.2 | |
| Valve, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Degeneration, Cystic | | | 2 | | | | | 2 | 3 | 3 | | 3 | 1 | | 1 | | 3 | | 1 | 1 | 3 | 3 | 1 | 3 | 31 | 2.1 |
| Degeneration, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Hyperplasia | | | 1 | | 2 | 1 | 2 | | | | | 1 | 2 | | | 2 | 1 | | 2 | | | 2 | | | 23 | 1.7 |
| Hypertrophy | | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | 1 | | | | | 1 | | | | | | | | | | | | | | 5 | 2.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Pars Distalis, Hyperplasia | | | | | | | 4 | | | | 2 | | | 2 | | | 3 | 3 | 1 | 4 | 3 | | | 4 | 21 | 2.5 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----|-----|
| | 0570 | 0731 | 0549 | 0621 | 0668 | 0553 | 0554 | 0667 | 0702 | 0743 | 0776 | 0647 | 0656 | 0775 | 0593 | 0667 | 0666 | 0773 | 0777 | 0671 | 0690 | 0701 | 0774 | 0744 | | | |
| ANIMAL ID | 007332 | 007333 | 007335 | 007336 | 007337 | 007339 | 007340 | 007341 | 007342 | 007343 | 007344 | 007346 | 007347 | 007348 | 007349 | 007350 | 007351 | 007352 | 007353 | 007354 | 007355 | 007356 | 007357 | 007358 | | | |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2.5 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| C-cell, Hyperplasia | | 1 | | | | | | | | | | | | 2 | | 1 | 1 | | | | | | 2 | | | 8 | 1.6 |
| Follicle, Cyst | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inflammation, Chronic Active | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | | | 5 | 1.8 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Congestion | | | | | | 3 | | | | | | | 4 | | | 2 | | | | | 4 | | | | | 5 | 3.4 |
| Cyst | | 1 | | | 2 | | | 2 | | | 2 | | | | | 1 | | 2 | 1 | 1 | | | 1 | 3 | | 15 | 1.7 |
| Fibrosis | | | | | | | | | | | | | 3 | | | | | | | | 2 | | | | | 3 | 2.7 |
| Hemorrhage | | | | | | | | | | | | 4 | | | | | | | | | | | | | | 3 | 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Mineralization | | | | | | | | | | | | | | | | 2 | | | | | | | | | | 1 | 2.0 |
| Necrosis | | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Thrombosis | | | | | | | | | | | | 4 | | | | | | | | | | | | | | 1 | 4.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 2 | 2.0 |
| Endometrial Glands, Metaplasia, Squamous | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
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 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
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 Lab: BNW

| WISTAR HAN RATS FEMALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-----|-----|
| | 0570 | 0731 | 0549 | 0621 | 0661 | 0559 | 0553 | 0666 | 0770 | 0432 | 0773 | 0667 | 0725 | 0659 | 0671 | 0666 | 0773 | 0777 | 0669 | 0771 | 0665 | 0777 | 0771 | 0442 | | | |
| ANIMAL ID | 007332 | 007333 | 007335 | 007336 | 007337 | 007339 | 007340 | 007341 | 007342 | 007343 | 007344 | 007346 | 007347 | 007348 | 007349 | 007350 | 007351 | 007352 | 007353 | 007354 | 007355 | 007356 | 007357 | 007358 | | | |
| Endometrium, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Endometrium, Hyperplasia, Cystic | 3 | | | | | | | 1 | 2 | | | | 2 | | | 2 | 4 | | 2 | 1 | | | 1 | | 16 | 2.1 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | 1 | | 1 | | 1 | | 1 | 1 | | | | | 1 | 1 | | 1 | 1 | | | | 1 | | | 1 | 20 | 1.0 | |
| Myelofibrosis | | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 | 2.0 | |
| Lymph Node | | | + | | | | | | | | | + | | | | | | | | | | | | | 3 | | |
| Iliac, Congestion | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Thoracic, Foreign Body | | | | | | | | | | | | X | | | | | | | | | | | | | 1 | | |
| Lymph Node, Bronchial | + | + | + | + | + | M | + | + | + | I | + | + | + | + | + | + | + | + | M | + | + | M | + | M | + | 41 | |
| Foreign Body | X | X | X | | X | | | | X | | X | X | X | X | X | X | X | | | X | | X | | X | 36 | | |
| Hyperplasia, Lymphoid | 1 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | 1 | 11 | 1.0 | |
| Pigmentation | | | 2 | 1 | 2 | 1 | | 1 | 1 | 1 | | | 2 | | | | 1 | | | | | 1 | | 2 | 18 | 1.3 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Foreign Body | | | | X | | | | | | | | | | | | | | | | | | | | | 5 | | |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | 46 | |
| Congestion | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Foreign Body | X | X | | | X | X | X | X | | X | X | X | X | | X | X | X | X | X | X | | | | X | 33 | | |
| Hyperplasia, Lymphoid | 1 | | 1 | | 1 | 2 | 1 | | | | | | | 1 | 1 | | | 1 | 1 | 2 | | | | 1 | 15 | 1.1 | |
| Pigmentation | 2 | 2 | 1 | 2 | 2 | 2 | 1 | | 1 | 1 | 2 | 1 | | 2 | | 1 | 2 | 2 | 1 | 1 | 2 | 2 | | 2 | 1 | 41 | 1.6 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hematopoietic Cell Proliferation | 1 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 1 | 3 | 3 | 3 | 2 | 2 | 48 | 2.4 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 20601 - 03
 Test Type: CHRONIC
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| WISTAR HAN RATS FEMALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| | 0570 | 0731 | 0049 | 0621 | 0661 | 0553 | 0554 | 0666 | 0770 | 0774 | 0476 | 0776 | 0556 | 0667 | 0776 | 0559 | 0663 | 0774 | 0662 | 0773 | 0191 | 0675 | 0779 | 0012 | |
| ANIMAL ID | 007332 | 000733 | 000335 | 000067 | 000067 | 000005 | 000005 | 000006 | 000006 | 000007 | 000007 | 000008 | 000008 | 000009 | 000009 | 000010 | 000010 | 000011 | 000011 | 000012 | 000012 | 000013 | 000013 | 000014 | 000014 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|-------|
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Artery, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------|
| Thymus | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 1 4.0 |
| Depletion Cellular | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3 1.7 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1 3.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1 2.0 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Galactocele | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 10 2.1 |
| Granuloma, Lipomatous | | | | | | | | | | | | | | | | | | | | | | | | | | | X 2 2 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3 2.3 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----------------|
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Cyst, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1 3.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 4 9 3.1 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 2 4 3 3 8 3.0 |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Femur, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Femur, Hyperostosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 2 2.5 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 20601 - 03
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 Route: RESPIRATORY EXPOSURE WHOLE BODY
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 Antimony trioxide
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| WISTAR HAN RATS FEMALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|-------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--|
| | 0570 | 0731 | 0542 | 0661 | 0658 | 0553 | 0554 | 0660 | 0773 | 0423 | 0773 | 0667 | 0775 | 0559 | 0663 | 0774 | 0666 | 0777 | 0777 | 0669 | 0771 | 0777 | 0664 | 0777 | | 0423 | |
| ANIMAL ID | 007332 | 007333 | 007335 | 007336 | 007337 | 007339 | 007340 | 007341 | 007342 | 007343 | 007344 | 007346 | 007347 | 007348 | 007349 | 007350 | 007351 | 007352 | 007353 | 007354 | 007355 | 007356 | 007357 | 007358 | 007359 | | |
| Femur, Osteomalacia | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| Skeletal Muscle | | | | + | + | + | | | | | + | + | | | | | | | | | | | | | 7 | | |
| Atrophy | | | | | | 3 | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Compression | | | | | | | | | | | | | 3 | | | | | | | | | | | | 2 | 5 2.4 | |
| Hemorrhage | | | | | | | | | | | | | | 3 | | | | | | | | | | | 3 | 2 3.0 | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Foreign Body | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 50 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | 3 1.3 | | |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 | | |
| Arteriole, Necrosis | | | | | | | | | | | | | | | 2 | | | | | | | | | | 1 2.0 | | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | 3 1.0 | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibrosis | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 49 1.4 | |
| Foreign Body | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 50 | | |
| Inflammation, Chronic Active | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 50 2.2 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-----|
| | 05770 | 07341 | 00562 | 06619 | 05534 | 00556 | 00607 | 00603 | 00702 | 00703 | 00708 | 00709 | 00714 | 00717 | 00716 | 00715 | 00716 | 00717 | 00717 | 00717 | 00716 | 00717 | 00717 | 00714 | | |
| ANIMAL ID | 007332 | 007333 | 007335 | 007336 | 007337 | 007339 | 007340 | 007341 | 007342 | 007343 | 007344 | 007346 | 007347 | 007348 | 007349 | 007350 | 007351 | 007352 | 007353 | 007354 | 007355 | 007356 | 007357 | 007358 | | |
| Proteinosis | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 50 | 3.1 |
| Thrombosis | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Alveolar Epithelium, Hyperplasia | 1 | 1 | 1 | 3 | 4 | 3 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 4 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 4 | 50 | 2.1 |
| Alveolar Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Alveolus, Inflammation, Suppurative | | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | 5 | 1.2 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | 1 | | | | | | 1 | | | | | 2 | 1.0 |
| Artery, Necrosis | | | | | | | | | | | | | | 1 | | | | | | | 1 | | | | 2 | 1.0 |
| Bronchiole, Epithelium, Hyperplasia | | | 1 | 1 | 1 | 2 | | 1 | | 1 | | 1 | | 1 | 1 | 1 | 1 | | | 1 | 2 | 1 | | | 27 | 1.1 |
| Perivascular, Infiltration Cellular, Lymphocyte | | | 1 | | | | | 1 | 1 | 1 | | | | | | | 1 | | | | | | | | 8 | 1.0 |
| Mediastinum | | | | | | | | | | | | | | + | + | | + | | | | + | + | | | 9 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | 3 | 3 | | 2 | | | | 1 | 4 | | | 9 | 2.3 |
| Artery, Necrosis | | | | | | | | | | | | | | 1 | 3 | | 1 | | | | | 2 | | | 6 | 2.2 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Foreign Body | X | X | X | X | X | X | X | | X | X | | X | X | X | X | X | | X | X | X | X | X | X | 45 | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | 2 | | 2 | | 4 | 2.5 |
| Necrosis | | 1 | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | | | | | | 2 | | | | | | | | | 1 | | | | | 2 | 1 | | | 13 | 1.5 |
| Olfactory Epithelium, Atrophy | | | | | | 2 | | | | | | | | | | | | 1 | | | | | | | 2 | 1.5 |
| Olfactory Epithelium, Degeneration | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Olfactory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Respiratory Epithelium, Hyperplasia | | 1 | 1 | | 1 | 1 | 1 | | | | | | 1 | 1 | | | | | 1 | 1 | 1 | 1 | | 1 | 16 | 1.1 |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | 1 | | | | 5 | 1.2 |
| Respiratory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | 2 | | | | | 1 | 2.0 |
| Squamous Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 2.0 |
| Squamous Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 | 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20601 - 03
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/Wistar Han

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Antimony trioxide
 CAS Number: 1309-64-4

Date Report Requested: 10/15/2014
 Time Report Requested: 14:20:05
 First Dose M/F: 09/22/08 / 09/22/08
 Lab: BNW

| WISTAR HAN RATS FEMALE
30 mg/m3 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| | 0570 | 0731 | 0549 | 0621 | 0668 | 0553 | 0556 | 0667 | 0704 | 0742 | 0677 | 0676 | 0575 | 0666 | 0777 | 0666 | 0777 | 0777 | 0666 | 0777 | 0666 | 0777 | 0666 | 0777 | |
| ANIMAL ID | 007332 | 007333 | 007335 | 007336 | 007337 | 007339 | 007340 | 007341 | 007342 | 007343 | 007344 | 007346 | 007347 | 007348 | 007349 | 007350 | 007351 | 007352 | 007353 | 007354 | 007355 | 007356 | 007357 | 007358 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Foreign Body | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 49 |
| Inflammation, Suppurative Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 | |
| Epithelium, Regeneration | | | | | | | | | | | | | | | | | | | | | | 2 | 2 2.0 | |
| | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Ciliary Body, Inflammation, Acute | | | | | 1 | | | | | | | | 1 | | | | | | 1 | | | | | 6 1.0 |
| Retina, Atrophy | | | | | 3 | | 1 | | | | | 3 | 1 | 1 | 1 | 3 | 1 | | | | 1 | | 1 | 19 1.9 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Infarct | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 | |
| Nephropathy | | | | 2 | | | 1 | | | 2 | | | 3 | 2 | | 1 | 1 | | | | 1 | 2 | 2 | 1 | 24 1.6 |
| Arteriole, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Artery, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 1.5 | |
| Artery, Necrosis | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 1.5 | |
| Pelvis, Dilatation | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Pelvis, Inflammation, Suppurative | | | | | | | | | | | 1 | | | | | | | | | | 2 | | | 2 1.5 | |
| Pelvis, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | |
| Pelvis, Mineralization | | | | | 1 | 1 | 1 | | | 1 | | 1 | | | | | | 1 | 1 | | | 1 | | 15 1.1 | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | 2 | 1 | 1 | 1 | | | 1 | | | 3 | | 2 | | | | | | | | | 11 1.7 | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 2.0 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
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 1-4 .. Lesion qualified as:
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