

Experiment Number: 20203 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013
Time Report Requested: 13:10:01
First Dose M/F: 07/10/07 / 07/09/07
Lab: BAT

F1_M3

NTP Study Number: C20203
Lock Date: 11/04/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.1.0_004
PWG Approval Date: NONE

B6C3F1 MICE MALE	DAY ON TEST	0721	0730	0731	0732	0733	0734	0735	0736	0737	0738	0739	0740	0741	0742	0743	0744	0745	0746	0747	0748	0749	0750	males (cont...)
	ANIMAL ID	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	

ALIMENTARY SYSTEM

Esophagus Muscularis, Degeneration	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	A	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+
Intestine Small, Jejunum Peyer's Patch, Hyperplasia, Lymphoid	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus				X		X				X			X											
Clear Cell Focus		X	X		X	X		X	X		X		X		X					X	X	X	X	
Eosinophilic Focus		X	X			X		X	X		X				X		X		X	X		X	X	
Fatty Change										1														
Hematopoietic Cell Proliferation																						1		
Hemorrhage					4																			
Inflammation																						1		
Mixed Cell Focus			X			X		X		X														
Bile Duct, Cyst																						2		
Hepatocyte, Necrosis										2				1							2	1	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

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B6C3F1 MICE MALE 0 mg/kg	DAY ON TEST																									ANIMAL ID	males (cont...)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	07 21	07 23	07 31	07 32	07 37	07 38	07 61	07 71	07 73	07 76	07 81	07 91	07 92	07 01	07 02	07 03	07 04	07 05	07 06	07 07	07 08	07 09	07 10	07 11	07 12			07 13	07 14	07 15	07 16	07 17	07 18	07 19	07 20	07 21	07 22	07 23	07 24	07 25	07 26	07 27	07 28	07 29	07 30	07 31	07 32	07 33	07 34	07 35	07 36	07 37	07 38	07 39	07 40	07 41	07 42	07 43	07 44	07 45	07 46	07 47	07 48	07 49	07 50	07 51	07 52	07 53	07 54	07 55	07 56	07 57	07 58	07 59	07 60	07 61	07 62	07 63	07 64	07 65	07 66	07 67	07 68	07 69	07 70	07 71	07 72	07 73	07 74	07 75	07 76	07 77	07 78	07 79	07 80	07 81	07 82	07 83	07 84	07 85	07 86	07 87	07 88	07 89	07 90	07 91	07 92	07 93	07 94	07 95	07 96	07 97	07 98	07 99	07 100	07 101	07 102	07 103	07 104	07 105	07 106	07 107	07 108	07 109	07 110	07 111	07 112	07 113	07 114	07 115	07 116	07 117	07 118	07 119	07 120	07 121	07 122	07 123	07 124	07 125	07 126	07 127	07 128	07 129	07 130	07 131	07 132	07 133	07 134	07 135	07 136	07 137	07 138	07 139	07 140	07 141	07 142	07 143	07 144	07 145	07 146	07 147	07 148	07 149	07 150	07 151	07 152	07 153	07 154	07 155	07 156	07 157	07 158	07 159	07 160	07 161	07 162	07 163	07 164	07 165	07 166	07 167	07 168	07 169	07 170	07 171	07 172	07 173	07 174	07 175	07 176	07 177	07 178	07 179	07 180	07 181	07 182	07 183	07 184	07 185	07 186	07 187	07 188	07 189	07 190	07 191	07 192	07 193	07 194	07 195	07 196	07 197	07 198	07 199	07 200	07 201	07 202	07 203	07 204	07 205	07 206	07 207	07 208	07 209	07 210	07 211	07 212	07 213	07 214	07 215	07 216	07 217	07 218	07 219	07 220	07 221	07 222	07 223	07 224	07 225	07 226	07 227	07 228	07 229	07 230	07 231	07 232	07 233	07 234	07 235	07 236	07 237	07 238	07 239	07 240	07 241	07 242	07 243	07 244	07 245	07 246	07 247	07 248	07 249	07 250	07 251	07 252	07 253	07 254	07 255	07 256	07 257	07 258	07 259	07 260	07 261	07 262	07 263	07 264	07 265	07 266	07 267	07 268	07 269	07 270	07 271	07 272	07 273	07 274	07 275	07 276	07 277	07 278	07 279	07 280	07 281	07 282	07 283	07 284	07 285	07 286	07 287	07 288	07 289	07 290	07 291	07 292	07 293	07 294	07 295	07 296	07 297	07 298	07 299	07 300	07 301	07 302	07 303	07 304	07 305	07 306	07 307	07 308	07 309	07 310	07 311	07 312	07 313	07 314	07 315	07 316	07 317	07 318	07 319	07 320	07 321	07 322	07 323	07 324	07 325	07 326	07 327	07 328	07 329	07 330	07 331	07 332	07 333	07 334	07 335	07 336	07 337	07 338	07 339	07 340	07 341	07 342	07 343	07 344	07 345	07 346	07 347	07 348	07 349	07 350	07 351	07 352	07 353	07 354	07 355	07 356	07 357	07 358	07 359	07 360	07 361	07 362	07 363	07 364	07 365	07 366	07 367	07 368	07 369	07 370	07 371	07 372	07 373	07 374	07 375	07 376	07 377	07 378	07 379	07 380	07 381	07 382	07 383	07 384	07 385	07 386	07 387	07 388	07 389	07 390	07 391	07 392	07 393	07 394	07 395	07 396	07 397	07 398	07 399	07 400	07 401	07 402	07 403	07 404	07 405	07 406	07 407	07 408	07 409	07 410	07 411	07 412	07 413	07 414	07 415	07 416	07 417	07 418	07 419	07 420	07 421	07 422	07 423	07 424	07 425	07 426	07 427	07 428	07 429	07 430	07 431	07 432	07 433	07 434	07 435	07 436	07 437	07 438	07 439	07 440	07 441	07 442	07 443	07 444	07 445	07 446	07 447	07 448	07 449	07 450	07 451	07 452	07 453	07 454	07 455	07 456	07 457	07 458	07 459	07 460	07 461	07 462	07 463	07 464	07 465	07 466	07 467	07 468	07 469	07 470	07 471	07 472	07 473	07 474	07 475	07 476	07 477	07 478	07 479	07 480	07 481	07 482	07 483	07 484	07 485	07 486	07 487	07 488	07 489	07 490	07 491	07 492	07 493	07 494	07 495	07 496	07 497	07 498	07 499	07 500	07 501	07 502	07 503	07 504	07 505	07 506	07 507	07 508	07 509	07 510	07 511	07 512	07 513	07 514	07 515	07 516	07 517	07 518	07 519	07 520	07 521	07 522	07 523	07 524	07 525	07 526	07 527	07 528	07 529	07 530	07 531	07 532	07 533	07 534	07 535	07 536	07 537	07 538	07 539	07 540	07 541	07 542	07 543	07 544	07 545	07 546	07 547	07 548	07 549	07 550	07 551	07 552	07 553	07 554	07 555	07 556	07 557	07 558	07 559	07 560	07 561	07 562	07 563	07 564	07 565	07 566	07 567	07 568	07 569	07 570	07 571	07 572	07 573	07 574	07 575	07 576	07 577	07 578	07 579	07 580	07 581	07 582	07 583	07 584	07 585	07 586	07 587	07 588	07 589	07 590	07 591	07 592	07 593	07 594	07 595	07 596	07 597	07 598	07 599	07 600	07 601	07 602	07 603	07 604	07 605	07 606	07 607	07 608	07 609	07 610	07 611	07 612	07 613	07 614	07 615	07 616	07 617	07 618	07 619	07 620	07 621	07 622	07 623	07 624	07 625	07 626	07 627	07 628	07 629	07 630	07 631	07 632	07 633	07 634	07 635	07 636	07 637	07 638	07 639	07 640	07 641	07 642	07 643	07 644	07 645	07 646	07 647	07 648	07 649	07 650	07 651	07 652	07 653	07 654	07 655	07 656	07 657	07 658	07 659	07 660	07 661	07 662	07 663	07 664	07 665	07 666	07 667	07 668	07 669	07 670	07 671	07 672	07 673	07 674	07 675	07 676	07 677	07 678	07 679	07 680	07 681	07 682	07 683	07 684	07 685	07 686	07 687	07 688	07 689	07 690	07 691	07 692	07 693	07 694	07 695	07 696	07 697	07 698	07 699	07 700	07 701	07 702	07 703	07 704	07 705	07 706	07 707	07 708	07 709	07 710	07 711	07 712	07 713	07 714	07 715	07 716	07 717	07 718	07 719	07 720	07 721	07 722	07 723	07 724	07 725	07 726	07 727	07 728	07 729	07 730	07 731	07 732	07 733	07 734	07 735	07 736	07 737	07 738	07 739	07 740	07 741	07 742	07 743	07 744	07 745	07 746	07 747	07 748	07 749	07 750	07 751	07 752	07 753	07 754	07 755	07 756	07 757	07 758	07 759	07 760	07 761	07 762	07 763	07 764	07 765	07 766	07 767	07 768	07 769	07 770	07 771	07 772	07 773	07 774	07 775	07 776	07 777	07 778	07 779	07 780	07 781	07 782	07 783	07 784	07 785	07 786	07 787	07 788	07 789	07 790	07 791	07 792	07 793	07 794	07 795	07 796	07 797	07 798	07 799	07 800	07 801	07 802	07 803	07 804	07 805	07 806	07 807	07 808	07 809	07 810	07 811	07 812	07 813	07 814	07 815	07 816	07 817	07 818	07 819	07 820	07 821	07 822	07 823	07 824	07 825	07 826	07 827	07 828	07 829	07 830	07 831	07 832	07 833	07 834	07 835	07 836	07 837	07 838	07 839	07 840	07 841	07 842	07 843	07 844	07 845	07 846	07 847	07 848	07 849	07 850	07 851	07 852	07 853	07 854	07 855	07 856	07 857	07 858	07 859	07 860	07 861	07 862	07 863	07 864	07 865	07 866	07 867	07 868	07 869	07 870	07 871	07 872	07 873	07 874	07 875	07 876	07 877	07 878	07 879	07 880	07 881	07 882	07 883	07 884	07 885	07 886	07 887	07 888	07 889	07 890	07 891	07 892	07 893	07 894	07 895	07 896	07 897	07 898	07 899	07 900	07 901	07 902	07 903	07 904	07 905	07 906	07 907	07 908	07 909	07 910	07 911	07 912	07 913	07 914	07 915	07 916	07 917	07 918	07 919	07 920	07 921	07 922	07 923	07 924	07 925	07 926	07 927	07 928	07 929	07 930	07 931	07 932	07 933	07 934	07 935	07 936	07 937	07 938	07 939	07 940	07 941	07 942	07 943	07 944	07 945	07 946	07 947	07 948	07 949	07 950	07 951	07 952	07 953	07 954	07 955	07 956	07 957	07 958	07 959	07 960	07 961	07 962	07 963	07 964	07 965	07 966	07 967	07 968	07 969	07 970	07 971	07 972	07 973	07 974	07 975	07 976	07 977

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Green tea extract

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Lab: BAT

B6C3F1 MICE MALE 0 mg/kg	DAY ON TEST																									* TOTALS	
	0731	0734	0731	0732	0732	0731	0736	0737	0737	0735	0737	0737	0737	0737	0737	0737	0735	0737	0737	0736	0737	0737	0735	0737	0737		
ANIMAL ID	00026	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025	00026	00027	00028	00029	00030		
Hematopoietic Cell Proliferation	3				3						2						3			3	1						
Lymphoid Follicle, Hyperplasia								3	2							3						4					
Red Pulp, Atrophy											2												2				
White Pulp, Atrophy											3												4				
Thymus	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+		
Atrophy		3	2	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2		1	4	1	2	1	2	3	
INTEGUMENTARY SYSTEM																											
Mammary Gland	M	M	M	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																											
Ulcer																											
MUSCULOSKELETAL SYSTEM																											
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibro-Osseous Lesion																											
Tendon, Inflammation																											
NERVOUS SYSTEM																											
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
RESPIRATORY SYSTEM																											
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte																											
Inflammation																											

* .. 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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0 mg/kg	0026	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	0030	0031	
Thrombosis																											1 1.0
Alveolar Epithelium, Hyperplasia																											5 1.0
Alveolus, Infiltration Cellular, Histiocyte	2																										2 2.5
Bronchiole, Hyperplasia																											1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Foreign Body																										1	
Inflammation, Suppurative				1		1	1		1		1	1	1													14 1.0	
Polyp, Inflammatory													3													3 2.0	
Glands, Respiratory Epithelium, Hyperplasia					2																					3 2.0	
Olfactory Epithelium, Accumulation, Hyaline Droplet	1	1		2	2		1	2	3	2	1	1	2	1		2	1	3	2		1	1	1			37 1.6	
Olfactory Epithelium, Atrophy													1						2							4 1.5	
Olfactory Epithelium, Metaplasia, Respiratory					2	1	1						1		1				1							11 1.1	
Olfactory Epithelium, Metaplasia, Squamous														1												1 1.0	
Respiratory Epithelium, Accumulation, Hyaline Droplet	2	2	2	3	3	3	2	3	3	3	2	2	3	2	2	3	3	2	3	2	3	3	2	2	2	49 2.3	
Respiratory Epithelium, Hyperplasia							1	1											2							5 1.4	
Septum, Perforation																										1	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SPECIAL SENSES SYSTEM																											
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cornea, Inflammation																										1 1.0	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia																										3 2.7	
URINARY SYSTEM																											

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

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B6C3F1 MICE MALE	DAY ON TEST	0731	0693	0732	0572	0773	0773	0574	0773	0773	0773	0773	0466	0677	0773	0773	0773	0773	0773	0773	0773	0667	0767	males (cont...)
	ANIMAL ID	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	

ALIMENTARY SYSTEM

Esophagus Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+
Intestine Large, Cecum Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum Hyperplasia Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus			X		X		X																X		X
Clear Cell Focus	X		X		X				X	X	X				X		X	X				X			X
Eosinophilic Focus		X	X		X	X	X		X	X	X		X				X			X	X				X
Fatty Change																									
Fibrosis																									
Hematopoietic Cell Proliferation																									1
Hepatodiaphragmatic Nodule																									X
Infarct																									

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	ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	

Valve, Thrombosis

ENDOCRINE SYSTEM

Adrenal Cortex Degeneration, Cystic Hyperplasia Hypertrophy	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	1	1							1		1										1			
Adrenal Medulla Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
				3																				
Islets, Pancreatic Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
		1	2		1						1						1	1	1		1	3		
Parathyroid Gland	M	+	+	M	M	M	M	+	+	M	M	+	+	M	+	+	+	+	+	+	+	+	M	M
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland Ectasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	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: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

B6C3F1 MICE MALE 30 mg/kg	DAY ON TEST																				* TOTALS							
	07 31	06 37	07 30	07 33	07 03	07 32	07 22	07 11	07 33	07 13	07 31	07 22	06 44	07 31	06 67	07 33	07 13	07 31	07 22	07 33		06 58	07 32	07 31	07 31			
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	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00			
	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	99	99		
Inflammation																										2	1 2.0	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hematopoietic Cell Proliferation	3			2			2	2				2		2		2	3		2							25	2.1	
Infiltration Cellular, Plasma Cell										2																1	2.0	
Lymphoid Follicle, Hyperplasia						2							2					1		2		2		4	14	2.0		
Red Pulp, Atrophy											1										3				3	2.0		
White Pulp, Atrophy		2							1			3		1				1			3				7	2.0		
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49			
Atrophy	3	4	2	4	3	2	3	3	3	4	4	4	2	4	2	2	2		+	2	3	3	4	2	3	2	45	2.7
INTEGUMENTARY SYSTEM																												
Mammary Gland	M	M	+	+	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Inflammation										4																1	4.0	
MUSCULOSKELETAL SYSTEM																												
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Fibro-Osseous Lesion											X				X					X					3			
Skeletal Muscle																										1		
Inflammation																										2	1 2.0	
NERVOUS SYSTEM																												
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cyst Epithelial Inclusion																										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

B6C3F1 MICE MALE 100 mg/kg	DAY ON TEST																				ANIMAL ID	males (cont...)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	0732	0733	0736	0738	0739	0740	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

B6C3F1 MICE MALE 100 mg/kg	DAY ON TEST																								* TOTALS		
	0732	0685	0732	0514	0771	0776	0677	0773	0773	0773	0573	0773	0773	0773	0773	0676	0770	0676	0773	0773	0773	0773	0773	0773			
ANIMAL ID	00126	00017	00008	00009	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000		
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Preputial Gland Ectasia	+	+	+	+	+	2	+	+	+	+	+	+	+	+	+	+	2	+	+	+	+	+	+	+	50 5 2.4		
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Testes Germinal Epithelium, Degeneration Tunic, Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1 1.0 1 1.0		
HEMATOPOIETIC SYSTEM																											
Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 38 1.6		
Lymph Node																									1		
Lymph Node, Mandibular Atrophy	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1 2.0		
Hyperplasia, Lymphoid Infiltration Cellular, Plasma Cell	3	1	2		1	3		1	2	2		2					2		3	3		2		2	31 2.2		
Inflammation	1	1	1					2	1	1					1		1		2	2		1			24 1.3		
Necrosis																									1 4.0 1 2.0		
Lymph Node, Mesenteric Atrophy	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48 1 2.0		
Hyperplasia, Lymphoid	2																								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
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BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

B6C3F1 MICE MALE 100 mg/kg	DAY ON TEST																								* TOTALS	
	0732	0735	0737	0741	0743	0747	0751	0753	0757	0761	0763	0767	0771	0773	0777	0781	0783	0787	0791	0793	0797	0801	0803			
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024		
Inflammation																									1 1.0	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation			3	2			3	2	1					1	2		2	2		2		2	1		29 2.2	
Lymphoid Follicle, Hyperplasia	2					2													1				2	1	7 1.6	
Red Pulp, Atrophy																									1 1.0	
White Pulp, Atrophy			1	1											2		2								13 1.9	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	46	
Atrophy	2	3	2	1	1	3	4	3	1	2	2	2	3	3	4		4		4	4	1	3	3	3	2	45 2.8
INTEGUMENTARY SYSTEM																										
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation																										1 4.0
Subcutaneous Tissue, Necrosis																										1 2.0
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Fibro-Osseous Lesion																									X	1
Skeletal Muscle																										1
Inflammation																										1 4.0
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Edema, Multifocal																										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) Minimal 3) Moderate

2) Mild 4) Marked

B6C3F1 MICE MALE	DAY ON TEST																									* TOTALS		
	0732	0685	0732	0514	0771	0776	0677	0773	0777	0777	0577	0777	0777	0777	0777	0676	0777	0676	0777	0777	0777	0777	0777	0777				
100 mg/kg	ANIMAL ID																											
	00126	00017	00008	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000			
Respiratory Epithelium, Accumulation, Hyaline Droplet	1	1		3	2	3	2		3		4	1	3			1	1	2			3	1	1	1	1	34	1.9	
Respiratory Epithelium, Hyperplasia						1			1	1	3								1			1	1			10	1.3	
Respiratory Epithelium, Metaplasia, Squamous		2	2		1		1	2	2	1		3	1	1	2	1		1	3	2		2			1	39	1.6	
Respiratory Epithelium, Necrosis	1	1					2			2											1				1	16	1.3	
Septum, Perforation		X	X		X		X		X	X	X	X	X		X		X	X		X	X		X	X	X	26		
Turbinate, Atrophy	1	2	2		1		1	1	1	1	1	3	1	1	3	2		1	1	1		1	1	1	1	41	1.3	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
SPECIAL SENSES SYSTEM																												
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia									3																2	4	2.3	
Inflammation																										1	2.0	
Necrosis																										1	2.0	
URINARY SYSTEM																												
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Infarct				1		2																				7	1.1	
Infiltration Cellular, Lymphocyte																										1	2.0	
Inflammation																										2	2.0	
Nephropathy	1	1	1		1	1			1	1		2	1				1	1	1	1	1	1	1	2	1	1	35	1.1
Cortex, Cyst													1													2	1.0	
Vein, Inflammation, Chronic Active																										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
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

B6C3F1 MICE MALE 300 mg/kg	DAY ON TEST																				ANIMAL ID	males (cont...)				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0			
	7	7	4	7	7	7	7	7	7	7	7	7	7	7	7	7	7	4	7	7	5	6	6			
	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	3	3	0	9	2	4		
	1	1	9	1	2	2	0	2	2	1	2	2	1	2	1	1	1	0	2	1	4	2	4	4		
	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		
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
Nasopharyngeal Duct, Inflammation													1	1										1		
Nasopharyngeal Duct, Metaplasia, Squamous Nerve, Atrophy	4	4	4	4	4	4	3	4	4	4	3	4	4	4	4	4	4	2	4	4	2	4	3	2		
Olfactory Epithelium, Atrophy			1																							
Olfactory Epithelium, Fibrosis	3	3		3	3	3	3	4	3	4	2	3	4	3	3	3	1	2		3	3	2	3	1	1	
Olfactory Epithelium, Metaplasia, Respiratory Epithelium, Accumulation, Hyaline Droplet	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4		
Respiratory Epithelium, Hyperplasia					2			2		1				1	1				1		1	2	2			
Respiratory Epithelium, Metaplasia, Squamous	2	3		2	2	2	3	2	3	2	2	3	3	2	2	2	3		2	3	2	3	2	2		
Respiratory Epithelium, Necrosis	1			2	2	3	2		1	2	1					1	2					3	2	3		
Septum, Perforation				X	X	X	X	X		X	X				X	X	X	X		X	X	X	X			
Turbinate, Atrophy	3	3	3	3	2	3	2	3	3	3	3	3	2	3	3	3	3	3	2	3	3	2	2	3	3	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Optic Nerve, Demyelination									2																
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																	3								

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hydronephrosis					4																				
Infarct																								1	
Nephropathy	1		1		1	1	1	1	1	1	1	1	1	1	1	1	1		1		1	1		2	
Artery, Inflammation																									

* .. 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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 1) Minimal 3) Moderate
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Experiment Number: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

B6C3F1 MICE MALE 300 mg/kg	DAY ON TEST	071	073	074	077	077	077	077	077	077	077	077	077	077	077	077	077	077	077	077	077	077	077	077	077	077	077	077	077	males (cont...)
	ANIMAL ID	001	001	001	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
		51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	

Cortex, Cyst

Urinary Bladder

+ +

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

+ .. Tissue examined microscopically

X .. Lesion present

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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|-------|
| B6C3F1 MICE MALE
300 mg/kg | DAY ON TEST | 0650 | 0732 | 0732 | 0771 | 0777 | 0777 | 0693 | 0733 | 0733 | 0733 | 0733 | 0666 | 0666 | 0667 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | 0465 | 0654 | * TOTALS | |
| | ANIMAL ID | 00176 | 00178 | 00179 | 00180 | 00181 | 00182 | 00183 | 00184 | 00185 | 00186 | 00187 | 00188 | 00189 | 00190 | 00191 | 00192 | 00193 | 00194 | 00195 | 00196 | 00197 | 00198 | | 00199 |
| | | 00176 | 00178 | 00179 | 00180 | 00181 | 00182 | 00183 | 00184 | 00185 | 00186 | 00187 | 00188 | 00189 | 00190 | 00191 | 00192 | 00193 | 00194 | 00195 | 00196 | 00197 | 00198 | | 00199 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|------------|
| Esophagus
Inflammation
Perforation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 2.0
1 |
| Gallbladder | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Colon
Epithelium, Hyperplasia, Adenomatous | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Jejunum
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 1.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Basophilic Focus | | X | | | X | | | | | | | | | | | | | | | | | | | | 6 | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Eosinophilic Focus | | | | X | | | X | | | | | | | X | | X | X | | X | | | | | | 13 | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Hematopoietic Cell Proliferation | | | 1 | | | | 1 | | | | | | 1 | 1 | | | | 1 | | | | | | | 10 | 1.0 |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | X | | | | | | | | | | | 1 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Inflammation | | | | 1 | | | 1 | 1 | | | 1 | 1 | 1 | | | | | | | | 2 | | | | 12 | 1.2 |

* .. 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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Experiment Number: 20203 - 04

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Species/Strain: MICE/B6C3F1

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Green tea extract

CAS Number: GREENTEAEXTR

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Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE MALE
300 mg/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------------|------------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Mixed Cell Focus
Hepatocyte, Necrosis | | | | X | | | | | | | | | | | | | | | | | X | | | | 2
4 2.8 |
| Mesentery
Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1
1 2.0 |
| Pancreas
Acinus, Atrophy | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
4 2.0 | |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach
Inflammation
Epithelium, Hyperplasia | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
2 1.0
1 1.0 | |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Tooth
Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | + | | 1
1 2.0 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel
Aorta, Inflammation
Carotid Artery, Inflammation | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 2.0
1 2.0 | |
| Heart
Cardiomyopathy
Inflammation
Artery, Inflammation | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
11 1.0
1 1.0
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
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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| B6C3F1 MICE MALE | DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|------------------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|--|
| | | 6 7 7 7 7 7 6 7 7 7 7 7 6 6 6 7 7 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | |
| 300 mg/kg | ANIMAL ID | 5 3 3 3 3 3 9 3 3 3 3 3 6 9 7 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | |
| | | 0 2 2 1 0 0 5 2 0 1 1 2 0 3 5 2 2 2 1 2 1 0 | | | | | | | | | | | | | | | | | | | | | |
| | | 0 | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | | | | | | | | | | | | | | | | | | | | | |
| | | 7 7 7 7 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 | | | | | | | | | | | | | | | | | | | | | |
| | | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Adrenal Cortex Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 2.0 |
| Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.3 |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Islets, Pancreatic Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 1.0 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | M | M | + | M | + | 44 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Preputial Gland Ectasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | 50 | 4 | 2.3 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

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 X .. Lesion present
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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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| B6C3F1 MICE MALE
300 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|-----|
| | 0650 | 0732 | 0773 | 0773 | 0773 | 0773 | 0695 | 0733 | 0733 | 0733 | 0733 | 0660 | 0666 | 0667 | 0733 | 0733 | 0733 | 0733 | 0733 | 0733 | | | 0465 | 0654 | |
| ANIMAL ID | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | | |
| | 1176 | 1177 | 1178 | 1179 | 1180 | 1181 | 1182 | 1183 | 1184 | 1185 | 1186 | 1187 | 1188 | 1189 | 1190 | 1191 | 1192 | 1193 | 1194 | 1195 | 1196 | 1197 | | | |
| | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | 7778 | | | |
| | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | 6666 | | | |
| Seminal Vesicle Dilatation Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 4.0 |
| Testes Interstitial Cell, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 | 1.5 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 46 | 1.5 |
| Lymph Node, Mandibular Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 4.0 |
| Hyperplasia, Lymphoid Infiltration Cellular, Plasma Cell | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 3 | 1 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 37 | 2.1 | |
| Lymph Node, Mesenteric Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 7 | 2.3 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Spleen Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 25 | 2.0 |
| Pigmentation, Hemosiderin | 2 | | 3 | | | 2 | 3 | | 2 | | | 3 | | 2 | 2 | 2 | 3 | | 1 | 2 | | 2 | 2 | 2.0 | |
| Red Pulp, Atrophy | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| White Pulp, Atrophy | | | | | | | | | | | | | 3 | | | | | 2 | | | | | 2 | 2.5 | |
| Thymus Atrophy | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 44 | 2.4 |

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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------|
| B6C3F1 MICE MALE
300 mg/kg | DAY ON TEST | 0
6
5
0 | 0
7
3
2 | 0
7
3
2 | 0
7
3
1 | 0
7
3
0 | 0
7
3
0 | 0
6
9
5 | 0
7
3
2 | 0
7
3
0 | 0
7
3
1 | 0
7
3
1 | 0
7
3
2 | 0
6
6
0 | 0
6
9
3 | 0
6
7
5 | 0
7
3
2 | 0
7
3
2 | 0
7
3
1 | 0
7
3
1 | 0
7
3
0 | 0
7
3
0 | 0
4
4
9 | 0
6
5
4 | * TOTALS |
| | ANIMAL ID | 0
0
1
7
6 | 0
0
1
7
7 | 0
0
1
7
8 | 0
0
1
7
8 | 0
0
1
8
8 | 0
0
1
8
8 | 0
0
1
8
8 | 0
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1
8
8 | 0
0
1
8
8 | 0
0
1
8
8 | 0
0
1
8
8 | 0
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1
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8 | 0
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1
8
9 | 0
0
1
8
9 | 0
0
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8
9 | 0
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1
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9 | 0
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9 | 0
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9 | 0
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9
9 | 0
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9 | 0
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1
9
9 | 0
0
1
9
9 | 0
0
1
9
9 | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 1 |
| Skin Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
3 4.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------|--|
| Bone Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1
1 3.0 | |
| Fibrous Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|-------------------------------|-------|
| Lung Infiltration Cellular, Lymphocyte Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
4 2.0
5 3.2
1 3.0 | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose Foreign Body | X | X | | | X | X | X | | | X | X | X | X | X | | | | | | X | X | X | X | X | X | 25 | |
| Hyperostosis | 1 | 3 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 3 | 46 1.6 | | |
| Inflammation, Suppurative | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 48 2.8 | |
| Glands, Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 | |
| Lumen, Pigmentation | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 2 | 2 1.5 |
| Nasopharyngeal Duct, Degeneration | | | | | | 1 | | | | | | | | | | | | | 1 | | | | | | | 9 1.3 | |

* .. 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

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| B6C3F1 MICE MALE
300 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|---|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|------|------|-----|-----|
| | 0650 | 0732 | 0732 | 0732 | 0732 | 0732 | 0679 | 0732 | 0732 | 0732 | 0732 | 0679 | 0679 | 0679 | 0732 | 0732 | 0732 | 0732 | 0732 | 0732 | | | 0732 | 0465 | 0654 | | |
| ANIMAL ID | 001766 | 001777 | 001777 | 001777 | 001777 | 001777 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | 001795 | | | | |
| Nasopharyngeal Duct, Inflammation | | | | | | | 2 | | | | | | | | | | | | | | | | | 4 | 1.3 | | |
| Nasopharyngeal Duct, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Nerve, Atrophy | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 2 | 2 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 50 | 3.5 | |
| Olfactory Epithelium, Atrophy | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | | 3 | 1.0 | |
| Olfactory Epithelium, Fibrosis | 1 | 3 | 3 | 2 | 3 | | 2 | 3 | 3 | 4 | 3 | 4 | 3 | 1 | | 3 | | 3 | 4 | | 4 | 4 | 4 | 1 | 43 | 2.8 | |
| Olfactory Epithelium, Metaplasia, Respiratory | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 49 | 4.0 | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | 1 | | | | | | | | | 1 | 1 | | 5 | 1.0 | |
| Respiratory Epithelium, Hyperplasia | | 1 | | | | | | | | 2 | | | | 2 | 2 | 1 | | 1 | 1 | 1 | | | 1 | | 19 | 1.4 | |
| Respiratory Epithelium, Metaplasia, Squamous | 2 | 2 | 2 | | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 46 | 2.3 | |
| Respiratory Epithelium, Necrosis | 1 | 1 | 1 | 1 | | | 3 | 1 | | | | | 1 | 2 | 3 | 1 | 1 | | 1 | | | | | 2 | 27 | 1.7 | |
| Septum, Perforation | | X | X | X | X | X | | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 37 | | |
| Turbinate, Atrophy | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 50 | 2.8 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Optic Nerve, Demyelination | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Infarct | | | | | | | 2 | | | | | | 1 | | | | | | 1 | | | | | | 4 | 1.3 | |
| Nephropathy | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 42 | 1.1 | |
| Artery, Inflammation | | | | | | | | | | | | 3 | | | | | | | | | | | | | 1 | 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
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0730 | 0730 | 0730 | 0670 | 0770 | 0006 | 0076 | 0076 | 0057 | 0077 | 0057 | 0066 | 0077 | 0077 | 0056 | 0077 | 0077 | 0022 | 0022 | 0022 | 0077 | 0077 | 0077 | 0077 | 0033 | 0077 |
| | ANIMAL ID | 0020 | 0002 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| 0 mg/kg | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus Perforation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum
Peyer's Patch, Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 4 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | X | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Clear Cell Focus | X | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | X | | X | | X | | | | X | | | | | | | | X | | X | X | X | X | X | X | X | X | X |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | 2 | | | | | 1 | | | | | | | | | | | | | | | | | 1 | |
| Hemorrhage | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 2 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| Inflammation | | | 1 | | | | | | | | 1 | | | | | | | | | | | | 3 | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | X | | X | |
| Pigmentation | | | 1 | | | | | | 2 | | | | | | 1 | | 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: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE FEMALE
0 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|-------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|----|--|
| | 0729 | 0729 | 0730 | 0732 | 0734 | 0736 | 0738 | 0740 | 0742 | 0744 | 0746 | 0748 | 0750 | 0752 | 0754 | 0756 | 0758 | 0760 | 0762 | 0764 | | 0766 | 0768 | 0770 | | |
| ANIMAL ID | 002226 | 002227 | 002228 | 002229 | 002230 | 002231 | 002232 | 002233 | 002234 | 002235 | 002236 | 002237 | 002238 | 002239 | 002240 | 002241 | 002242 | 002243 | 002244 | 002245 | 002246 | 002247 | 002248 | 002249 | | |
| Hepatocyte, Necrosis | | | 1 | 1 | 1 | 1 | | | | | | | | 1 | | | 1 | | | | | | | | 8 | |
| Kupffer Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Mesentery | | | | | | | | | | | | | | + | + | | | | | | | | + | | 6 | |
| Fat, Necrosis | | | | | | | | | | | | | | 4 | 4 | | | | | | | | 2 | | 5 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy | | | 1 | 1 | | | | | | 1 | | | 1 | 1 | | | | | | | | | 1 | | 12 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |

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

+ .. Tissue examined microscopically

X .. Lesion present

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| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|----------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|----------|--------|-------|
| | 07 | 07 | 07 | 07 | 03 | 00 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 00 | 07 | 07 | 07 | 07 | 07 | 07 | | | | |
| 0 mg/kg | 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 | | | | |
| | 22 | 22 | 23 | 22 | 27 | 20 | 22 | 22 | 23 | 23 | 26 | 23 | 23 | 23 | 23 | 23 | 20 | 22 | 23 | 23 | 23 | 23 | 22 | | | | |
| | 99 | 99 | 00 | 04 | 02 | 04 | 09 | 09 | 01 | 00 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | | | | |
| | 66 | 77 | 88 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | | | | |
| Parathyroid Gland | + | + | + | + | M | + | M | + | + | + | + | + | + | M | + | + | + | + | + | M | M | + | M | + | M | 35 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Pars Distalis, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| C-cell, Hyperplasia | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Cyst | | | 4 | | | 3 | | | | | | | | | | | | | | | | | | | | 3 3.0 | |
| Thrombosis | | | | | | | | | | | | | | 3 | | | | | | | | | | | | 1 3.0 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 4.0 | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Endometrium, Hyperplasia, Cystic | | | 2 | 2 | 2 | 2 | | 1 | 1 | 1 | | 1 | 3 | 1 | 2 | 4 | | | | | 2 | 2 | | 4 | 2 | 32 2.2 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 2.2 |

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

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X .. Lesion present

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|---------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0730 | 0729 | 0756 | 0773 | 0772 | 0779 | 0779 | 0704 | 0770 | 0779 | 0770 | 0760 | 0776 | 0767 | 0773 | 0737 | 0772 | 0772 | 0758 | 0772 | 0772 | 0773 | 0772 | 0771 | 0772 | 0779 |
| | ANIMAL ID | 00251 | 00252 | 00253 | 00254 | 00255 | 00256 | 00257 | 00258 | 00259 | 00260 | 00261 | 00262 | 00263 | 00264 | 00265 | 00266 | 00267 | 00268 | 00269 | 00270 | 00271 | 00272 | 00273 | 00274 | 00275 | 00276 |

females (cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Perforation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Muscularis, Necrosis | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | A | + | + | + | + | + | + | + | + | A | + | A | + | + | A | + | + | + | + | + | + | + | + | + | A |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | A |
| Peyer's Patch, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | 30 mg/kg | DAY ON TEST | 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 | |
| | | ANIMAL ID | 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 | 5 | 7 | 7 | 7 | 7 | 0 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 3 | 7 | 7 | 2 | 2 | 5 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | | 3 | 2 | 0 | 3 | 2 | 2 | 0 | 0 | 3 | 2 | 3 | 9 | 3 | 4 | 2 | 3 | 7 | 9 | 9 | 8 | 2 | 2 | 8 | 2 | 2 | 3 | 2 | 2 | 1 | 2 | 1 |
| | | | 0 | 9 | 6 | 0 | 9 | 9 | 9 | 4 | 0 | 9 | 0 | 0 | 1 | 9 | 9 | 1 | 9 | 9 | 4 | 9 | 9 | 4 | 9 | 9 | 2 | 2 | 2 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Mixed Cell Focus
Pigmentation
Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas
Cyst
Acinus, Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands
Artery, Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | | | | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach
Erosion
Inflammation
Mineralization
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular
Epithelium, Pigmentation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart
Cardiomyopathy
Infiltration Cellular, Lymphocyte
Mineralization
Artery, Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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: 20203 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013
 Time Report Requested: 13:10:01
 First Dose M/F: 07/10/07 / 07/09/07
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
| B6C3F1 MICE FEMALE
30 mg/kg | DAY ON TEST | 0
7
3
0 | 0
7
2
9 | 0
5
0
6 | 0
7
3
0 | 0
7
2
9 | 0
7
2
9 | 0
7
0
4 | 0
7
0
0 | 0
7
3
9 | 0
7
2
3 | 0
7
9
0 | 0
6
3
4 | 0
7
6
1 | 0
7
3
9 | 0
7
7
9 | 0
7
2
9 | 0
5
8
4 | 0
7
2
9 | 0
0
2
2 | 0
7
3
1 | 0
7
2
9 | 0
7
7
4 | 0
7
1
5 | females
(cont...) |
| | ANIMAL ID | 0
0
2
5
1 | 0
0
2
5
2 | 0
0
2
5
3 | 0
0
2
5
4 | 0
0
2
5
5 | 0
0
2
5
6 | 0
0
2
5
7 | 0
0
2
5
8 | 0
0
2
5
9 | 0
0
2
6
0 | 0
0
2
6
1 | 0
0
2
6
2 | 0
0
2
6
3 | 0
0
2
6
4 | 0
0
2
6
5 | 0
0
2
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6 | 0
0
2
6
7 | 0
0
2
6
8 | 0
0
2
6
9 | 0
0
2
7
0 | 0
0
2
7
1 | 0
0
2
7
2 | 0
0
2
7
3 | |

Valve, Thrombosis

3

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex Hypertrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 1 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | + | M | + | M | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | |
| Pituitary Gland Pars Distalis, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + |
| Ovary Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Corpus Luteum, Hyperplasia | 1 2 1 2 2 3 2 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. 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: 20203 - 04
 Test Type: CHRONIC
 Route: GAVAGE
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013
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 First Dose M/F: 07/10/07 / 07/09/07
 Lab: BAT

| B6C3F1 MICE FEMALE
30 mg/kg | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | |
|----------------------------------|-------------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------------|----------|----------|----------|
| | 07
30 | 07
09 | 05
06 | 07
03 | 07
02 | 07
02 | 07
00 | 07
00 | 07
03 | 07
02 | 07
03 | 06
09 | 07
03 | 06
04 | 07
02 | 07
03 | 07
07 | 05
08 | 07
02 | 07
02 | 07
03 | 07
02 | | 07
03 | 07
04 | 07
05 |
| Endometrium, Hyperplasia, Cystic | 2 | 1 | 2 | 1 | 2 | 1 | | | 2 | 1 | 2 | 4 | | 4 | | 2 | | | 1 | 3 | 3 | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | 3 | | | | | 2 | | | | | | | | | | | 3 | | 2 | | | | | | |
| Lymph Node
Renal, Ectasia | | | + | | | | | | | | | + | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular
Atrophy
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | 2 | | | | | | | | 2 | | | | | | | | | | | 2 | | | | | |
| Lymph Node, Mesenteric
Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Spleen
Hematopoietic Cell Proliferation
Necrosis
Pigmentation, Hemosiderin
Lymphoid Follicle, Hyperplasia
White Pulp, Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 1 | 2 | 2 | 1 | 1 | 2 | 2 | | | | 2 | 2 | 2 | 2 | | 1 | | 3 | 1 | 2 | 2 | 1 | 3 | 2 | 2 | 2 | |
| | | | | | | | | | | | | | | | 1 | | | | | | 1 | | | | | | |
| | 3 | 4 | | | 2 | 1 | | | | | | | | | 4 | | 2 | | | | 1 | | | 2 | | | |
| | | | | | | | | | 1 | | | | | | 2 | | | | | | | 1 | | | | | |
| Thymus
Atrophy
Hyperplasia, Lymphoid
Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 2 | 1 | | 1 | 1 | 2 | 2 | | | 2 | | | | 3 | 1 | 3 | 1 | 2 | | 1 | 1 | 4 | | | 2 | 1 | 3 |
| | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| | | | | | | | | | 3 | | | | | | | | | | | | | | 3 | | | | |

INTEGUMENTARY 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

| B6C3F1 MICE FEMALE
30 mg/kg | DAY ON TEST | 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 | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ANIMAL ID | 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 | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Skin | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Fibro-Osseous Lesion | | X | | | | | X | X | | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Periosteum, Fibrosis | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Serosa, Inflammation | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Foreign Body | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X |
| Inflammation, Suppurative | | 1 | | | 1 | 1 | 1 | | | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | | 1 | | 1 | | | | | | | | | | | | | | | 1 | 1 | | |
| Lumen, Pigmentation | | 1 | 1 | | 1 | 1 | | | | 1 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Nerve, Atrophy | | | 1 | | | | | | | | | | | | | | 2 | | | | 2 | | 1 | | | | | | | | | | | | | | | | 2 | | | |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | 2 | 2 | 1 | 1 | 2 | 1 | 1 | | 2 | 3 | 1 | 2 | 3 | 2 | 2 | 2 | | | | 2 | 1 | 2 | 1 | | | | | | | | | | | | | 2 | 2 | 2 | | | |
| Olfactory Epithelium, Atrophy | | | | | | | | | | 2 | | | | 2 | 2 | 1 | | | | 1 | | | | | | | | | | | | | | | | | | 2 | 2 | 1 | | |

females
(cont...)

* .. 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

| B6C3F1 MICE FEMALE | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | females
(cont...) | | |
|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|
| | 0
7
3
0 | 0
7
2
9 | 0
5
0
6 | 0
7
3
0 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
0
4 | 0
7
0 | 0
7
3 | 0
7
2 | 0
7
3 | 0
6
9 | 0
7
3 | 0
6
4 | 0
7
2 | 0
7
7 | 0
5
8 | 0
7
2 | 0
7
2 | 0
0
2 | 0
7
3 | | 0
7
2 | 0
7
9 |
| 30 mg/kg | 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 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Olfactory Epithelium, Fibrosis | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Olfactory Epithelium, Metaplasia, Respiratory | | 1 | | 1 | 1 | | 1 | | 2 | 1 | | 2 | 2 | 3 | 2 | | 3 | 2 | 2 | 1 | | 2 | 2 | | |
| Olfactory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | 3 | 2 | 1 | 2 | 3 | 3 | 2 | | 4 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | | 3 | 2 | 3 | 2 | | 2 | 3 | 2 |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | 1 | | | 1 | | | | | 1 | | | | | | 1 | | | 1 | | | 1 | |
| Respiratory Epithelium, Necrosis | | | | | | | 2 | | | | | 1 | | | | | | | 2 | | | | | | |

Trachea + + + + + + + + + + + + + + M + + + + + + + + + + + + + + +

SPECIAL SENSES SYSTEM

Eye + + + + + + + + + + + + M + M + + + + + + + + + + + + + + + + +

Cornea, Inflammation 3

Harderian Gland + + + + + + + + + + + + M + M + + + + + + + + + + + + + + + + +

Hyperplasia 1 3 4

URINARY SYSTEM

Kidney +

Accumulation, Hyaline Droplet 2

Nephropathy 1 1 1 1 1 1 1

Renal Tubule, Necrosis 3

Urinary Bladder +

* .. 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: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE FEMALE
30 mg/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 2 | 6 | 3 | 3 | 3 | 2 | 2 | 3 | 0 | 0 | 3 | 2 | 3 | 2 | 3 | 0 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | |
| | | 9 | 9 | 0 | 1 | 0 | 9 | 1 | 5 | 5 | 0 | 7 | 0 | 9 | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 9 | 8 | 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 | 3 | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|
| Mixed Cell Focus
Pigmentation
Hepatocyte, Necrosis | X | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| | | 2 | | | | | | | | | 1 | | | | | | | | | | | | | | 4 | 1.3 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Pancreas
Cyst
Acinus, Atrophy | + M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| | | | | | | | | | | | | | | | | | | | 4 | | | | | | 1 | 4.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Salivary Glands
Artery, Inflammation | + M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Stomach, Forestomach
Erosion
Inflammation
Mineralization
Epithelium, Hyperplasia | + A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Stomach, Glandular
Epithelium, Pigmentation | + A | + | + | + | + | + | + | + | + | + | 1 | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Blood Vessel
Inflammation | + + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Heart
Cardiomyopathy
Infiltration Cellular, Lymphocyte
Mineralization
Artery, Inflammation | + M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| | | | | | | 1 | | | | | | | | | | | 1 | | | 1 | | 1 | | 1 | 9 | 1.1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| | | | | | | | | | | 2 | | | | | | | | | | | | | | | 1 | 2.0 |
| | | 2 | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

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

Experiment Number: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE FEMALE | 30 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--------------------|----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| | | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 6 | 6 | 7 | 7 | 7 | 0 | 7 | 7 | 7 | 7 | 0 | | 7 |
| | | | 2 | 6 | 3 | 3 | 3 | 2 | 2 | 3 | 0 | 0 | 3 | 2 | 3 | 0 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | |
| | | | 9 | 9 | 0 | 1 | 0 | 9 | 9 | 1 | 5 | 5 | 0 | 7 | 0 | 9 | 0 | 4 | 0 | 0 | 9 | 9 | 3 | |
| | | ANIMAL ID | 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 | 3 | |
| | | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |

Valve, Thrombosis

1 3.0

ENDOCRINE SYSTEM

Adrenal Cortex
Hypertrophy

+ 50
1 2.0

Adrenal Medulla

+ 50

Islets, Pancreatic
Hyperplasia

+ M + 49
1 3 1.7

Parathyroid Gland

+ M + + + + M + + + + + + M + + M M + + + + M + + 40

Pituitary Gland
Pars Distalis, Hyperplasia

+ M + + + + + + + + + M + + + + + + + + + + + + 48
2 3 1.7

Thyroid Gland

+ M + 48

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ 49

Ovary
Cyst
Corpus Luteum, Hyperplasia

+ 50
3 3 4 11 2.5
4 1 4.0

Uterus

+ 50

* .. 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: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE FEMALE
30 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|---|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|--------|--------|-----|--|
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 076 | 077 | 078 | 079 | 080 | 081 | 082 | 083 | 084 | 085 | 086 | 087 | 088 | 089 | 090 | 091 | 092 | 093 | 094 | 095 | 096 | 097 | | 098 | 099 | 100 | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibro-Osseous Lesion | X | | | X | X | | | | | | | X | X | | X | | | | | | X | | | 15 | | | |
| Periosteum, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Infiltration Cellular, Lymphocyte Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| Serosa, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 5 2.4 | | |
| Nose | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Foreign Body | | | X | | | | | | | | | | X | X | | | | X | X | | | | | | 8 | | |
| Inflammation, Suppurative | 1 | | 1 | | | | | | | | | | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | | | 1 1 | 24 1.0 | | |
| Lumen, Pigmentation | 1 | | 1 | | | | | | | | | | 1 | 1 | | | | | | | | | 1 1 | 19 1.0 | | | |
| Nerve, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 13 1.2 | | |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | 3 | | 2 | 2 | 2 | 2 | 3 | 3 | | | | | 1 | 1 | 2 | 2 | 3 | | | | | | | 41 2.0 | | | |
| Olfactory Epithelium, Atrophy | 2 | | | 1 | | | | | | | | | | | | | | | | | | | | | 18 1.6 | | |

* .. 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: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE FEMALE
30 mg/kg | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|---|-------------|----|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|---|-----|----|-----|-----|
| | 07 | 09 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | | | 20 | | | |
| Olfactory Epithelium, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | |
| Olfactory Epithelium, Metaplasia, Respiratory | 2 | | 2 | 1 | 1 | 1 | 2 | | | | 2 | 1 | 1 | 2 | 2 | | 1 | 2 | 1 | 1 | 2 | 3 | | 2 | 2 | 36 | 1.7 | |
| Olfactory Epithelium, Necrosis | | | | | | | | | | | | | 2 | | | | | | | | | | | | | 2 | 1.5 | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | 3 | | 2 | 2 | 2 | 4 | 3 | 3 | | | 2 | 3 | 2 | 3 | 3 | | 3 | 2 | 3 | 3 | 3 | 3 | | 3 | 3 | 42 | 2.7 | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | 1 | | | | | | | 1 | | | | | | 1 | | | | | | 8 | 1.0 |
| Respiratory Epithelium, Necrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.5 |
| Trachea | | | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Harderian Gland | | | + | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.7 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 2 | 2.5 |
| Nephropathy | | | | | 1 | | | 1 | | | | | | | | 1 | | 2 | | 2 | | | 1 | | | | 12 | 1.2 |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| 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: 20203 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013
 Time Report Requested: 13:10:01
 First Dose M/F: 07/10/07 / 07/09/07
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0
7
3
0 | 0
7
3
1 | 0
7
2
9 | 0
7
2
9 | 0
7
3
1 | 0
7
2
9 | 0
7
2
9 | 0
7
3
0 | 0
7
2
9 | 0
7
3
1 | 0
7
3
1 | 0
6
4
5 | 0
0
0
2 | 0
7
3
1 | 0
7
3
0 | 0
7
3
3 | 0
7
3
3 | 0
7
2
9 | 0
7
0
6 | 0
7
2
9 | 0
7
3
0 | 0
7
3
0 | 0
6
8
0 | 0
7
3
0 | |
| | ANIMAL ID | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | 0
0
3
0
9 | 0
0
3
0
0 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
2
0 | 0
0
3
2
1 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | 0
0
3
2
5 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + |
| Intestine Small, Ileum
Hyperplasia
Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + |
| Intestine Small, Jejunum
Peyer's Patch, Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | X | | | | | | X | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | X | | | | | X | | | | | |
| Hematopoietic Cell Proliferation | | 1 | | | 1 | | 1 | 1 | | | | | | | | | | | | 2 | | 1 | 1 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Inflammation | | | | | 1 | 1 | | | | | | | 1 | | | | | | | 1 | | 1 | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Cyst | 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: 20203 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013
 Time Report Requested: 13:10:01
 First Dose M/F: 07/10/07 / 07/09/07
 Lab: BAT

| B6C3F1 MICE FEMALE
100 mg/kg | DAY ON TEST | 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 |
|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ANIMAL ID | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | | |
| | | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 2 | 3 | 3 | 8 | 3 | 0 | | | | | | |
| | | 0 | 1 | 9 | 9 | 1 | 9 | 9 | 0 | 1 | 1 | 1 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 6 | 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 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | | | | | | | | |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Hepatocyte, Necrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Atrophy | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + M + + + + + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Blood Vessel | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aorta, Inflammation | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carotid Artery, Inflammation | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cardiomyopathy | 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy | 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
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|-----------------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0
7
3
0 | 0
7
3
1 | 0
7
2
9 | 0
7
2
9 | 0
7
3
1 | 0
7
2
9 | 0
7
2
9 | 0
7
3
0 | 0
7
2
9 | 0
7
3
1 | 0
7
3
1 | 0
7
4
5 | 0
7
0
2 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
2
9 | 0
7
7
6 | 0
7
2
7 | 0
7
3
3 | 0
7
3
8 | 0
7
6
7 | 0
7
3
0 | females
(cont...) | |
| | 100 mg/kg | ANIMAL ID | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | 0
0
3
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9 | 0
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Medulla
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | M | + | + | + | + | M | + | + | + | M | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | |
| Pituitary Gland
Pars Distalis, Hyperplasia | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Cyst | | | | | | | | | 1 | 2 | | | | | | | | | 3 | | | | | | | |
| Thrombosis | | | 2 | 3 | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 1 | 1 | 1 | | | | | 1 | 2 | 1 | 4 | | | | 1 | | 4 | | 1 | | 2 | | | | | |

HEMATOPOIETIC 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
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Experiment Number: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE FEMALE

100 mg/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | females
(cont...) | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|--|
| | ANIMAL ID | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | | | |
| | | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 2 | 3 | 8 | | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Bone Marrow
Hyperplasia | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| | | 3 | 3 | 1 | 2 | 3 | | 3 | 3 | 3 | 3 | 2 | | | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 2 | 3 | 3 | 4 | 3 | | |
| Lymph Node
Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric
Atrophy | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | 2 | 2 | | | | | 1 | | | | | | | | | 2 | | | | | | | | | 2 | 2 | |
| Spleen
Hematopoietic Cell Proliferation
Pigmentation, Hemosiderin
Lymphoid Follicle, Hyperplasia
White Pulp, Atrophy | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | 3 | 3 | 2 | 1 | 2 | | 2 | 2 | 2 | 2 | 3 | | | 2 | 2 | 2 | 1 | 2 | | 3 | 2 | 3 | 2 | | 3 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| | | | 1 | 2 | | | | 2 | | 2 | | 3 | 1 | | | | | | | 2 | | 2 | 2 | | | 2 | | |
| Thymus
Atrophy
Hyperplasia, Lymphoid
Necrosis | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | | |
| | | 3 | 2 | 1 | 3 | 2 | | 1 | 1 | | 1 | 3 | | | 1 | 1 | | | | 2 | | | 1 | 1 | 1 | 4 | | |
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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
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2) Mild 4) Marked

Experiment Number: 20203 - 04

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

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Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 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 | | | |
| | ANIMAL ID | 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 | | |
| 100 mg/kg | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 0 | 1 | 9 | 9 | 1 | 9 | 9 | 0 | 9 | 1 | 1 | 5 | 2 | 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 | 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 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |

females
(cont...)

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Fibro-Osseous Lesion | | | | | | | | | | X | X | | | | | | X | X | X | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 3 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Serosa, Inflammation | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Foreign Body | | | X | | | | | | X | | | | | | X | | | | | X | | | | | | | X | | | | | | | | | | |
| Hyperostosis | 1 | | 1 | | 1 | | | | | | 1 | 1 | | | | | 1 | 1 | 2 | 1 | 1 | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | 1 | 4 | 1 | 3 | 3 | | 3 | 4 | 3 | 2 | 1 | 1 | | 3 | 3 | 2 | 2 | 2 | 2 | | | 4 | 3 | 3 | 3 | 3 | | | | | | | | | | | |
| Lumen, Pigmentation | | | | | | | | | | | | 1 | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | |
| Nasopharyngeal Duct, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nasopharyngeal Duct, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nerve, Atrophy | | | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 2 | 3 | | | | | | | | |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Olfactory Epithelium, Atrophy | 1 | | 1 | 2 | | 2 | 1 | | | 2 | 2 | | | | 3 | 3 | 2 | 1 | 2 | | | 1 | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Fibrosis | | 2 | | 2 | 3 | | 1 | 3 | 2 | 2 | | | | | 3 | 1 | 1 | 1 | 1 | 2 | | | 1 | 1 | 3 | 2 | 1 | | | | | | | | | | |
| Olfactory Epithelium, Metaplasia, Respiratory | 2 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | | | | | | | | |
| Olfactory Epithelium, Necrosis | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

Experiment Number: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE FEMALE
100 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|
| | 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 | 6 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 2 | 7 | 7 | 7 | 6 | | 7 |
| | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 2 | 3 | 3 | 8 | 3 |
| | 0 | 1 | 9 | 9 | 1 | 9 | 0 | 3 | 9 | 1 | 1 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 6 | 9 | 0 | 0 | 0 | |
| ANIMAL ID | 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 | 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 | 3 | 3 | 3 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | 1 | | 1 | 1 | | 2 | | | | | | 2 | | 1 | | 2 | 1 | | | | | | | | | | |
| Respiratory Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Respiratory Epithelium, Hyperplasia | | | 1 | 1 | | 1 | 1 | 1 | 1 | | | | | 1 | | 1 | 1 | 1 | 1 | | | | | | 2 | 1 | |
| Respiratory Epithelium, Metaplasia, Squamous | | 3 | 1 | 1 | 3 | 2 | 2 | 2 | 2 | 1 | | | | 1 | 3 | | 2 | 2 | 2 | | | 2 | 3 | 2 | 2 | 2 | |
| Respiratory Epithelium, Necrosis | | 1 | | 1 | 1 | | | 2 | 1 | | | | 2 | | | 1 | | | | | 1 | | 1 | 1 | 2 | 2 | 1 |
| Septum, Perforation | | X | | X | X | | X | | X | X | X | X | | X | X | X | X | X | X | | | X | X | X | X | X | |
| Turbinate, Atrophy | | 1 | | 1 | 1 | | 1 | 1 | 1 | 2 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 2 | 1 | 2 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Hydronephrosis | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | 1 | | | | 1 | | | 1 | | 2 | | | | 1 | | | | | | | 1 | | 1 | | | |
| Artery, Inflammation | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cortex, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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
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Experiment Number: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE FEMALE
100 mg/kg | DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---------------------------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | | 7 5 7 7 7 7 7 7 7 3 7 7 7 7 7 7 7 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | 3 6 2 3 2 2 2 2 2 8 2 3 3 2 3 3 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | |
| | | 0 4 9 1 9 9 9 9 9 0 9 1 0 9 0 0 0 0 9 9 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| | | 0 | | | | | | | | | | | | | | | | | | | | |
| | | 3 | | | | | | | | | | | | | | | | | | | | |
| | | 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 | | | | | | | | | | | | | | | | | | | | |
| | | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|------------------------------|
| Esophagus Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1 1.0 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Small, Ileum Hyperplasia Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1 2.0
1 2.0 |
| Intestine Small, Jejunum Peyer's Patch, Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | + | + | + | + | + | + | + | + | 49 | 1 3.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | 8 | |
| Eosinophilic Focus | | X | X | | X | | | X | | | | | X | | | | | X | | | | | | 7 | 1.1 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 6 | 1.2 |
| Infiltration Cellular, Lymphocyte Inflammation | | | | | | | | | 1 | 1 | | | 1 | | | | 1 | | 1 | | | | | 6 | 1.0 |
| Mixed Cell Focus | | | | | | X | | | | | | | X | | | | | | | | | | | 2 | |
| Bile Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | 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
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Experiment Number: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 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 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 100 mg/kg | ANIMAL ID | 3 | 6 | 2 | 3 | 2 | 2 | 2 | 2 | 8 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | |
| | | 0 | 4 | 9 | 1 | 9 | 9 | 9 | 9 | 0 | 9 | 1 | 0 | 9 | 1 | 9 | 0 | 0 | 0 | 9 | 9 | 0 | 0 | 3 | 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 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | |
| | | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Necrosis | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | 3 1.0 | |
| Mesentery | | + | | | | | | | | | | + | | | | | | | | | | | | 3 | |
| Artery, Inflammation | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 2.0 | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Pancreas | | + | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Salivary Glands | | + | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Stomach, Forestomach | | + | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Stomach, Glandular | | + | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | + | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Aorta, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Carotid Artery, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Heart | | + | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Cardiomyopathy | | | | | | | | | | | | 1 | | | | | | | | | | | | 5 1.0 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | + | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | 1 | | 3 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: 20203 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

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Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

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First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 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 | * TOTALS |
| | | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 6 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 8 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | |
| 100 mg/kg | ANIMAL ID | 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 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|--------------|
| Adrenal Medulla
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 1.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Parathyroid Gland | + | M | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | 41 | | |
| Pituitary Gland
Pars Distalis, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1 4.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Cyst | | | | | | 3 | | | | | | | | | | | | 4 | | | | | | | | | 6 2.5 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 2 2.5 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Endometrium, Hyperplasia, Cystic | 1 | 4 | | 1 | 1 | 1 | 1 | | | | | | | 2 | | | | | | | 4 | | | | | | 19 1.8 |

HEMATOPOIETIC 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: 20203 - 04

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Green tea extract

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Lab: BAT

| B6C3F1 MICE FEMALE
100 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| | 07 | 05 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | 07 |
| ANIMAL ID | 00326 | 00327 | 00328 | 00329 | 00330 | 00331 | 00332 | 00333 | 00334 | 00335 | 00336 | 00337 | 00338 | 00339 | 00340 | 00341 | 00342 | 00343 | 00344 | 00345 | 00346 | |
| Bone Marrow Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | | 1 | | 3 | 1 | | | | 3 | 2 | 2 | 3 | 3 | 1 | 2 | 3 | | 3 | 3 | 3 | 3 | 41 2.4 |
| Lymph Node Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 3 |
| Lymph Node, Lumbar, Inflammation | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lymph Node, Mandibular Hyperplasia, Lymphoid Infiltration Cellular, Plasma Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| | 1 | | | 1 | | 1 | | 1 | 1 | | 1 | 2 | 1 | 1 | 1 | 1 | | 1 | 2 | 2 | 2 | 8 1.4 |
| | | | | | | | | | | | | | | | | | | | | | | 31 1.3 |
| Lymph Node, Mesenteric Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | | | | | | | | | | | | | | | | | | | | | | 6 1.8 |
| Spleen Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Spleen Pigmentation, Hemosiderin | | 1 | | 2 | | 2 | 1 | 1 | 2 | | | 2 | 2 | 1 | 3 | 2 | | 2 | 1 | 3 | 1 | 38 2.0 |
| Spleen Lymphoid Follicle, Hyperplasia | 1 | | | | | | | | | | 1 | | | | | | | | | | | 3 1.0 |
| Spleen White Pulp, Atrophy | | | | | | 3 | 1 | 4 | 2 | 2 | | | | 3 | | | 1 | 4 | | | | 14 2.2 |
| | | | | | | | | | | | | | | | | | | | 2 | | | 7 1.9 |
| Thymus Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Thymus Hyperplasia, Lymphoid Necrosis | 1 | | | 1 | 2 | | 1 | 1 | 2 | 1 | | 2 | | 3 | 2 | 2 | | 1 | | | 1 | 27 1.7 |
| | | | | | | | | | | | | | | | | | | | | | 1 | 8 1.3 |
| | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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

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

Experiment Number: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 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 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 6 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 8 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| | | 0 | 4 | 9 | 1 | 9 | 9 | 9 | 9 | 9 | 0 | 9 | 1 | 0 | 9 | 1 | 9 | 0 | 0 | 0 | 9 | 9 | 0 | 0 |
| 100 mg/kg | ANIMAL ID | 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 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibro-Osseous Lesion | | | | X | | | X | | | | | | | X | | | | | | | | | 8 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infiltration Cellular, Lymphocyte | | | | 2 | | | | | | | | | | | | | | | | | 2 | | 3 2.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Alveolar Epithelium, Hyperplasia | | | 1 | | | | | | | | | | | | 2 | | | | | | | | 3 2.0 |
| Serosa, Inflammation | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Foreign Body | X | | | X | X | | X | | X | | | | | | X | X | | X | | | | | 13 |
| Hyperostosis | 1 | 2 | 1 | | 1 | 1 | 1 | | | 1 | | | | | 1 | 1 | | 1 | | | 1 | | 21 1.1 |
| Inflammation, Suppurative | 3 | | | 4 | 3 | 2 | 3 | 1 | 3 | | 2 | 3 | 3 | 4 | 4 | 3 | 2 | 4 | 4 | 3 | 3 | 4 | 44 2.8 |
| Lumen, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 |
| Nasopharyngeal Duct, Degeneration | | | | | | | | | | | | | | 1 | | 1 | | | | | | | 2 1.0 |
| Nasopharyngeal Duct, Inflammation | | | | | | | | | | | | | | 2 | | | | | | | | | 1 2.0 |
| Nerve, Atrophy | 4 | 2 | 3 | 4 | 2 | 3 | 4 | 4 | 4 | | 4 | 3 | 4 | 4 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 2 | 47 3.4 |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 3 1.0 |
| Olfactory Epithelium, Atrophy | 2 | 1 | 2 | | 3 | 2 | 3 | 1 | | 1 | | 3 | | | 2 | | | | | 1 | | 2 | 26 1.8 |
| Olfactory Epithelium, Fibrosis | 2 | | | 2 | 2 | 2 | 1 | 1 | 3 | | 1 | 1 | 3 | 3 | 2 | 1 | | 2 | 1 | 2 | 3 | 2 | 39 1.8 |
| Olfactory Epithelium, Metaplasia, Respiratory | 4 | 1 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 1 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 49 3.4 |
| Olfactory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

* .. 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: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE FEMALE
100 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|---------------|---------------|
| | 07
30 | 05
64 | 07
29 | 07
31 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | 07
29 | | | 07
29 | |
| ANIMAL ID | 00326 | 00332 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | 00333 | | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | 1 | 3 | 1 | | 1 | | | | | | 1 | 1 | 1 | | 1 | | 1 | 1 | 2 | | | | 19 1.3 | |
| Respiratory Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Respiratory Epithelium, Hyperplasia | 2 | | | | 1 | | | 1 | | 1 | 1 | | | | 1 | | 1 | | | | 1 | 1 | 22 1.1 | |
| Respiratory Epithelium, Metaplasia, Squamous | 2 | | 1 | 2 | 2 | 2 | 2 | 3 | | 2 | 1 | 2 | 3 | 1 | 1 | 3 | 3 | 2 | 1 | 2 | 2 | 1 | 2 | 42 2.0 |
| Respiratory Epithelium, Necrosis | 2 | | | 1 | | | 1 | 1 | | 1 | 1 | 1 | 1 | | 3 | 1 | 1 | | | 1 | 1 | 1 | 28 1.3 | |
| Septum, Perforation | X | | X | X | X | | X | X | X | | X | X | X | | X | X | X | | X | X | X | X | 38 | |
| Turbinate, Atrophy | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 2 | 2 | 1 | | 1 | 1 | 1 | 2 | 40 1.2 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Cornea, Inflammation | | 3 | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hyperplasia | | | | | 4 | | | | 4 | | | | | | | | | | | | | | 3 3.7 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | 2 | | | | | | | | | | 1 2.0 | |
| Nephropathy | | | 1 | | 1 | | | 1 | | | | 1 | | | | | | | | | | | 11 1.1 | |
| Artery, Inflammation | | | | | | | | | | | | | 2 | | | | | | | | | | 2 1.5 | |
| Cortex, Cyst | | | | | | | | | | | | 1 | | | | | | | | | | | 1 1.0 | |
| 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

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20203 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013
Time Report Requested: 13:10:01
First Dose M/F: 07/10/07 / 07/09/07
Lab: BAT

| B6C3F1 MICE FEMALE
300 mg/kg | DAY ON TEST | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
6 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
6 | 0
7 | 0
4 | 0
7 | 0
7 | females
(cont...) | | | |
|---------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------|--------|--------|--------|
| | ANIMAL ID | 3
1 | 3
0 | 3
0 | 3
1 | 2
9 | 3
1 | 0
7 | 3
0 | 3
1 | 3
0 | 2
9 | 3
1 | 2
9 | 2
9 | 0
4 | 3
0 | 1
5 | 2
9 | 0
4 | 2
2 | 7
9 | 4
9 | | 7
9 | 3
1 | 2
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 | | |
| | | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
5 | 3
6 | 3
6 | 3
6 | 3
6 | 3
6 | 3
6 | 3
6 | 3
6 | 3
7 | 3
7 | 3
7 | 3
7 | 3
7 | 3
7 | 3
7 | |
| | | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | 6
7 | 7
8 | 8
9 | 9
0 | 0
1 | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | 6
7 | 7
8 | 8
9 | 9
0 | 0
1 | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | |

Kupffer Cell, Hyperplasia
Serosa, Fibrosis
Serosa, Inflammation

Mesentery
Fat, Necrosis

+
1

Pancreas
Inflammation
Acinus, Atrophy

+ +

Salivary Glands

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

Stomach, Forestomach
Epithelium, Hyperplasia

+ + + + + + + + + + + + + A + + + + + + + + + +

Stomach, Glandular
Erosion
Mineralization
Ulcer
Serosa, Inflammation

+ + + + + + + + + + + + + A + + + + + + + + + +
1

Tongue

+

CARDIOVASCULAR SYSTEM

Blood Vessel
Aorta, Mineralization

+ +

Heart
Cardiomyopathy

+
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
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0
7
3
1 | 0
7
3
0 | 0
7
3
0 | 0
7
3
1 | 0
7
2
9 | 0
7
3
1 | 0
7
0
7 | 0
7
3
0 | 0
7
3
1 | 0
7
3
0 | 0
7
2
9 | 0
7
3
1 | 0
7
2
9 | 0
7
0
4 | 0
7
1
5 | 0
7
2
9 | 0
7
0
4 | 0
7
6
2 | 0
7
4
9 | 0
7
2
9 | 0
7
3
1 | 0
7
7
2 | 0
7
3
9 | females
(cont...) |
| | ANIMAL ID | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
6
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
9 | 0
0
3
7
0 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | |

Mineralization
 Artery, Degeneration
 Artery, Inflammation

1
 1

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex Hypertrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adrenal Medulla Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | + | + | M | M | + | M | + | M | + | + | M | M | + | + | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland
Infiltration Cellular, Lymphocyte
C-cell, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + |

1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
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| B6C3F1 MICE FEMALE
300 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | |
|------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---|---|
| | 0
7
3
1 | 0
7
3
0 | 0
7
3
0 | 0
7
3
1 | 0
7
2
9 | 0
7
3
1 | 0
7
0
7 | 0
6
3
0 | 0
7
3
1 | 0
7
3
0 | 0
7
3
1 | 0
7
2
9 | 0
7
3
2 | 0
7
2
9 | 0
7
2
4 | 0
7
2
0 | 0
7
1
5 | 0
7
1
2 | 0
7
0
4 | 0
6
5
2 | 0
7
2
9 | 0
4
7
9 | 0
7
2
9 | 0
7
3
1 | 0
7
2
9 | | | |
| ANIMAL ID | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
5
0 | 0
0
3
5
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
9 | 0
0
3
7
0 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | 0
0
3
7
4 | 0
0
3
7
5 | 0
0
3
7
6 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Tubular | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 3 | 2 | | 1 | 2 | 3 | | | | | 1 | 2 | 1 | | | | | | | | | | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | 1 | 2 | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pulp, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0
7
3
1 | 0
7
3
0 | 0
7
3
0 | 0
7
3
1 | 0
7
2
9 | 0
7
3
1 | 0
6
0
7 | 0
7
3
1 | 0
7
3
0 | 0
7
3
1 | 0
7
2
9 | 0
7
3
1 | 0
7
2
9 | 0
7
0
4 | 0
7
0
5 | 0
6
2
9 | 0
7
2
9 | 0
4
7
9 | 0
7
2
9 | 0
7
3
1 | 0
7
7
5 |
| | ANIMAL ID | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
5
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
7
7 | 0
0
3
7
8 | 0
0
3
7
9 | 0
0
3
7
0 | 0
0
3
7
1 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | 2 | 1 | 1 | 2 | 2 | | | 1 | 1 | 1 | 2 | 1 | 3 | | 2 | | 3 | | | 1 | | | |
| Hyperplasia, Lymphoid | | | | | | | | 2 | | | | 2 | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibro-Osseous Lesion | X | X | | X | X | | | X | X | | X | | | X | | X | | | X | | | | X |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | + |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Necrosis | | | | | | | | | | | | | | 4 | | | | | | | | | |
| Arteriole, Inflammation | | | | | | | 1 | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | 2 | 2 | | | 2 | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Serosa, Inflammation | | | | | | | | | | | | | | 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

| B6C3F1 MICE FEMALE
300 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|------------------|------------------|
| | 0
7
3
1 | 0
7
3
0 | 0
7
3
0 | 0
7
3
1 | 0
7
2
9 | 0
7
3
1 | 0
7
0
7 | 0
6
3
0 | 0
7
3
1 | 0
7
3
0 | 0
7
3
1 | 0
7
2
9 | 0
7
3
2 | 0
7
3
2 | 0
7
2
2 | 0
7
0
4 | 0
6
5
2 | 0
7
2
9 | 0
4
7
9 | 0
7
2
9 | | | 0
7
3
1 | 0
7
7
2 | 0
7
3
4 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Foreign Body | | | | X | X | X | X | X | X | | | | | | | | | | | | | | | | |
| Hyperostosis | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | 4 | 4 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 4 | |
| Lumen, Pigmentation | | | | | | 2 | | | | | | 3 | 1 | | | | | 1 | 1 | | | | | 2 | |
| Nasopharyngeal Duct, Degeneration | | | | | | | 2 | | | | | | | | | | | | | | | | | 2 | |
| Nasopharyngeal Duct, Inflammation | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | |
| Nerve, Atrophy | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 2 | 4 | 3 | 4 | |
| Olfactory Epithelium, Atrophy | 4 | | 2 | 3 | 1 | 3 | | | | 2 | | | | | | 1 | | | | | | | | 4 | |
| Olfactory Epithelium, Fibrosis | 4 | 4 | 1 | 1 | 1 | 2 | | 1 | 2 | 1 | 1 | 1 | 1 | | 2 | 3 | 1 | 1 | 3 | 1 | 3 | 3 | 4 | | |
| Olfactory Epithelium, Metaplasia, Respiratory | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | | 1 | 1 | 1 | 3 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | | | | 1 | 2 | | | | | 1 | |
| Respiratory Epithelium, Hyperplasia | | | | | 1 | 1 | 1 | | 1 | 2 | | | | | | | 1 | 1 | 1 | | | | | | |
| Respiratory Epithelium, Metaplasia, Squamous | 2 | 3 | | 1 | 1 | 2 | | | 2 | 2 | 1 | 2 | 1 | | | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | |
| Respiratory Epithelium, Necrosis | | 2 | | 1 | | | 2 | 1 | 1 | | | 1 | 1 | | 1 | 2 | | | 1 | 1 | | 2 | 1 | 2 | |
| Septum, Perforation | X | X | X | X | X | X | X | X | X | | X | X | X | | X | X | X | X | X | X | X | X | X | X | |
| Turbinate, Atrophy | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Zymbal's Gland | | | | | | | + | | | | | | | | | | | | | | | | | | |

* .. 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: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 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 | females
(cont...) |
| | | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 3 | 3 | 3 | 2 | 3 | 0 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 0 | 3 | 1 | 2 | 0 | 5 | 2 | 7 | 2 | 3 | 2 | |
| 300 mg/kg | ANIMAL ID | 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 | |
| | | 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 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | 1 | | | | | | | | | 1 | 1 | | | 1 | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 1 | | | | | | | | | | | | | | 1 | | | | | | 1 | | | | |
| Artery, Inflammation | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| 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: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| | | 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 | | |
|--------------------|-----------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| DAY ON TEST | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 0 | 5 | 7 | 7 | | |
| B6C3F1 MICE FEMALE | | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 9 | 3 | 3 | 2 | 3 | 8 | 3 | 3 | 3 | 2 | 0 | 1 | 3 | 3 | 3 | | |
| 300 mg/kg | ANIMAL ID | 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 | 0 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |
| | | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|------------|------------|
| Esophagus Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 1.0 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Intestine Small, Duodenum Serosa, Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 | 2.0 |
| Intestine Small, Ileum Serosa, Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 | 2.0 |
| Intestine Small, Jejunum Serosa, Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 | 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Angiectasis | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Basophilic Focus | | X | | | | | | | X | | | | | | | | | | | | | | | X | | | 5 | | |
| Eosinophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | X | | | 3 | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | 1 | 1 | | | 1 | | | | | | 3 | 1.0 | |
| Infiltration Cellular, Lymphocyte Inflammation | | | | | | | | | | | | | | | | | 2 | 1 | | | | | | 1 | | | 4 | 1.0 | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | X | | | | | | | | | | | 5 | 1.2 | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | 1 | 3 | 1.7 |

* .. 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

| B6C3F1 MICE FEMALE | 300 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--------------------|-----------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|
| | | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | 07 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 2 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 2 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 2 |

Kupffer Cell, Hyperplasia 2 1 2.0
 Serosa, Fibrosis 2 1 2.0
 Serosa, Inflammation 2 1 2.0

Mesentery + 2
 Fat, Necrosis 2 2 1.5

Pancreas + 50
 Inflammation 2 1 2.0
 Acinus, Atrophy 2 1 2.0

Salivary Glands + 48

Stomach, Forestomach + 49
 Epithelium, Hyperplasia 4 1 2 2.5

Stomach, Glandular + 49
 Erosion 1 1.0
 Mineralization 2 1 2.0
 Ulcer 1 1 1.0
 Serosa, Inflammation 2 1 2.0

Tongue + 2

CARDIOVASCULAR SYSTEM

Blood Vessel + 50
 Aorta, Mineralization 2 1 2.0

Heart + 50
 Cardiomyopathy 1 1 1 1 1 1 8 1.0

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

Experiment Number: 20203 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 01/18/2013

Time Report Requested: 13:10:01

First Dose M/F: 07/10/07 / 07/09/07

Lab: BAT

| B6C3F1 MICE FEMALE
300 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | |
|------------------------------------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|------|------|---|----|-----|-----|-----|-----|
| | 07
30 | 07
30 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | 07
31 | | 07
31 | | | | | | | | | |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 4 | 1.5 | |
| Hyperplasia, Tubular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | |
| Endometrium, Hyperplasia, Cystic | 2 | 3 | 1 | | 1 | | | | | 1 | 2 | | | | 1 | 3 | 4 | | | | 3 | | | | | 2 | 25 | 2.0 | | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia | 2 | 1 | | 2 | 1 | | | 2 | | 1 | | 3 | | 1 | 2 | 3 | 1 | 3 | 1 | 2 | 2 | 1 | | 2 | 2 | 2 | | 34 | 1.9 | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | |
| Hyperplasia, Lymphoid | | | | 1 | | | | | | | | 2 | | 1 | 1 | | 2 | | | | 1 | | | | | 1 | | 12 | 1.4 | | |
| Infiltration Cellular, Plasma Cell | | | | 1 | | | | | | 1 | | 1 | | 1 | 2 | 1 | 1 | | | 1 | 1 | | | | | 1 | | 18 | 1.3 | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 2.6 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hematopoietic Cell Proliferation | | | | 1 | | | 1 | | 2 | | | | 1 | | 2 | 1 | 1 | 1 | 3 | | 2 | 1 | 1 | | | 1 | 1 | 30 | 1.5 | | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 | |
| Lymphoid Follicle, Hyperplasia | | | | | 2 | | | | | | | 2 | | | | 2 | | | | | | | | | | | | 8 | 1.8 | | |
| White Pulp, Atrophy | 1 | | | | | | | | | | | | 1 | | 1 | | 1 | | | | | | | | | 2 | | 6 | 1.3 | | |

* .. 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
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
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| B6C3F1 MICE FEMALE
300 mg/kg | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|-----------------------------------|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|---|----|----|-----|-----|
| | | 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 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 0 | | | 5 | 7 | 7 | | |
| ANIMAL ID | | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 9 | 3 | 3 | 2 | 3 | 8 | 3 | 3 | 3 | 2 | 0 | 1 | 3 | 3 | | | |
| | | 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 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | | |
| Thymus | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Atrophy | | 4 | 2 | 2 | 4 | 2 | 2 | 1 | | | 2 | | | | | 1 | 3 | | | 3 | 3 | 2 | | 4 | 1 | 1 | 30 | 2.0 | |
| Hyperplasia, Lymphoid | | | 1 | | | | | | | | | | | | | | | | | | | 1 | | | | | 4 | 1.5 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | 1 | 4.0 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Skin | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibro-Osseous Lesion | | X | | | | X | X | X | | X | | X | X | | X | X | | X | X | | X | X | | X | | | 23 | | |
| Skeletal Muscle | | | | | | | | + | | | | | | | | | | | + | | | | | | | | 3 | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Arteriole, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Infiltration Cellular, Lymphocyte | | | | | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | 5 | 1.8 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 2 | 1.0 |
| Serosa, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | 1 | 4.0 |

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

+ .. Tissue examined microscopically

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300 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|--------|--------|
| | 0730 | 0730 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | 0731 | | 0731 | | | | |
| ANIMAL ID | 00076 | 00077 | 00078 | 00079 | 00080 | 00081 | 00082 | 00083 | 00084 | 00085 | 00086 | 00087 | 00088 | 00089 | 00090 | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00100 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Foreign Body | X | | X | X | | X | X | | | X | X | X | X | | | | | X | | | | X | X | | 17 | |
| Hyperostosis | 3 | 2 | 1 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 3 | 1 | 1 | | 2 | 2 | 48 2.1 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 1.0 | |
| Inflammation, Suppurative | 4 | 1 | 4 | 3 | 3 | 2 | 3 | 1 | 1 | 1 | 3 | 1 | 3 | 4 | 2 | 3 | 1 | 4 | 4 | 3 | 3 | | 3 | 4 | 47 2.4 | |
| Lumen, Pigmentation | | | | | | 1 | 2 | 2 | | 2 | | | | 1 | | | | | | | 2 | | | 2 | 16 1.7 | |
| Nasopharyngeal Duct, Degeneration | | | | 1 | | | | | | | | | | | | | | | | | | | | 2 | 4 1.8 | |
| Nasopharyngeal Duct, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 1.0 | |
| Nerve, Atrophy | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 4 | 4 | 4 | 2 | 3 | 4 | 4 | 4 | | 3 | 4 | 48 3.5 | |
| Olfactory Epithelium, Atrophy | | | | 2 | | 2 | | 2 | | 1 | 2 | | 2 | | | 3 | | 1 | | | | | 3 | | 17 2.2 | |
| Olfactory Epithelium, Fibrosis | 1 | 3 | 2 | 4 | 2 | 1 | 2 | 1 | 1 | 2 | 3 | | 3 | 4 | 2 | 3 | | 3 | 2 | 3 | 4 | | | 3 | 43 2.2 | |
| Olfactory Epithelium, Metaplasia, Respiratory | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | | 4 | 4 | 48 3.7 | |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | 1 | 1 | 1 | | 1 | 2 | 1 | 2 | 1 | 2 | | 3 | | | | 1 | 1 | 1 | 1 | 2 | 1 | | 2 | 1 | 35 1.5 | |
| Respiratory Epithelium, Hyperplasia | | | | 1 | | 2 | | | 1 | | | 2 | 2 | | | | | | 2 | | | | | 1 | 15 1.3 | |
| Respiratory Epithelium, Metaplasia, Squamous | 3 | 1 | 3 | 3 | 2 | 2 | 3 | 1 | | 1 | 2 | 2 | 3 | 2 | 3 | 1 | 1 | 1 | 2 | 2 | 2 | | 2 | 2 | 42 1.9 | |
| Respiratory Epithelium, Necrosis | 3 | | 2 | 2 | 2 | 1 | 3 | | | | | 1 | | 1 | 1 | 1 | 2 | 1 | 1 | 2 | | 2 | 2 | 1 | 32 1.5 | |
| Septum, Perforation | X | X | X | X | X | X | X | X | X | X | | | | X | X | X | X | | X | X | X | X | | X | X | 42 |
| Turbinate, Atrophy | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 1 | 3 | 1 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | | 2 | 3 | 2 | 48 2.7 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

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|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| B6C3F1 MICE FEMALE
300 mg/kg | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 0 | 5 | 7 | | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 9 | 3 | 3 | 2 | 3 | 8 | 3 | 3 | 3 | 2 | 0 | 1 | 3 | | 3 |
| | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 9 | 7 | 1 | 0 | 9 | 1 | 4 | 0 | 0 | 0 | 9 | 4 | 4 | 0 | 0 | | |
| | ANIMAL ID | 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 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|--|
| Kidney | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accumulation, Hyaline Droplet | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Infarct | | | | | | | | | | | | | | 1 | | | | | | | | | 2 | | 6 1.2 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Mineralization | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Nephropathy | | | | | | | | | | | | | | | | | 1 | | | | | | | | 5 1.0 | |
| Artery, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

*** END OF REPORT ***

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