

TDMS No. 20011 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 07/09/2008

Time Report Requested: 10:20:06

First Dose M/F: 07/14/03 / 07/14/03

Lab: BNV

C Number: C20011

Lock Date: 06/15/2006

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 2.0.0

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Disposition Summary				
Animals Initially in Study	50	50	50	50
Early Deaths				
Moribund Sacrifice	24	20	28	35
Natural Death	3	4	4	2
Survivors				
Terminal Sacrifice	23	26	18	13
Animals Examined Microscopically	50	50	50	50

ALIMENTARY SYSTEM

Esophagus	(50)	(50)	(50)	(50)
Intestine Large, Cecum	(47)	(47)	(47)	(48)
Edema	1 (2%)			
Inflammation, Chronic Active			1 (2%)	
Necrosis	1 (2%)			
Artery, Inflammation	1 (2%)			
Intestine Large, Colon	(48)	(48)	(48)	(48)
Artery, Inflammation	1 (2%)			
Intestine Large, Rectum	(48)	(48)	(48)	(49)
Necrosis			1 (2%)	1 (2%)
Intestine Small, Duodenum	(48)	(48)	(48)	(48)
Fibrosis	1 (2%)			
Intestine Small, Ileum	(47)	(47)	(46)	(48)
Inflammation, Chronic Active			1 (2%)	
Necrosis	1 (2%)		1 (2%)	
Intestine Small, Jejunum	(47)	(47)	(46)	(48)
Liver	(50)	(50)	(50)	(50)
Angiectasis		2 (4%)	1 (2%)	
Basophilic Focus	9 (18%)	9 (18%)	8 (16%)	8 (16%)
Clear Cell Focus	16 (32%)	25 (50%)	17 (34%)	15 (30%)
Degeneration, Cystic	2 (4%)	2 (4%)	1 (2%)	4 (8%)
Eosinophilic Focus		1 (2%)	1 (2%)	1 (2%)
Hemorrhage				1 (2%)
Hepatodiaphragmatic Nodule	4 (8%)	1 (2%)		2 (4%)
Mixed Cell Focus	2 (4%)	1 (2%)	3 (6%)	
Necrosis	2 (4%)	1 (2%)	1 (2%)	1 (2%)
Thrombosis	1 (2%)		1 (2%)	
Vacuolization Cytoplasmic	31 (62%)	38 (76%)	32 (64%)	37 (74%)
Serosa, Fibrosis	1 (2%)			
Mesentery	(13)	(13)	(8)	(19)
Necrosis	13 (100%)	13 (100%)	7 (88%)	17 (89%)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Oral Mucosa	(3)	(0)	(2)	(4)
Foreign Body	1 (33%)		1 (50%)	2 (50%)
Hyperplasia, Squamous	1 (33%)		1 (50%)	
Inflammation, Chronic Active	1 (33%)			2 (50%)
Pancreas	(50)	(50)	(50)	(50)
Basophilic Focus	1 (2%)			1 (2%)
Cyst				1 (2%)
Fibrosis				1 (2%)
Necrosis				1 (2%)
Acinus, Atrophy	23 (46%)	13 (26%)	20 (40%)	23 (46%)
Artery, Inflammation	1 (2%)			1 (2%)
Salivary Glands	(50)	(50)	(50)	(50)
Hyperplasia	1 (2%)			
Inflammation, Chronic Active		1 (2%)	3 (6%)	2 (4%)
Stomach, Forestomach	(50)	(50)	(50)	(50)
Erosion	1 (2%)			
Hyperplasia, Squamous	1 (2%)	1 (2%)	1 (2%)	1 (2%)
Ulcer	7 (14%)	3 (6%)	5 (10%)	4 (8%)
Stomach, Glandular	(50)	(50)	(50)	(50)
Erosion	1 (2%)		1 (2%)	
Ulcer	1 (2%)	2 (4%)	1 (2%)	
Artery, Inflammation	1 (2%)			
Epithelium, Hyperplasia				1 (2%)
Tongue	(0)	(0)	(1)	(1)
Hyperplasia, Squamous			1 (100%)	1 (100%)
CARDIOVASCULAR SYSTEM				
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	26 (52%)	23 (46%)	23 (46%)	15 (30%)
Atrium, Thrombosis	4 (8%)			2 (4%)
Ventricle, Thrombosis				1 (2%)
ENDOCRINE SYSTEM				
Adrenal Cortex	(50)	(50)	(50)	(50)
Hyperplasia	27 (54%)	21 (42%)	22 (44%)	20 (40%)
Vacuolization Cytoplasmic	9 (18%)	16 (32%)	9 (18%)	12 (24%)
Adrenal Medulla	(50)	(50)	(50)	(50)
Hemorrhage	1 (2%)			
Hyperplasia	23 (46%)	18 (36%)	23 (46%)	19 (38%)
Islets, Pancreatic	(50)	(50)	(50)	(50)
Hyperplasia	10 (20%)	7 (14%)	6 (12%)	9 (18%)
Parathyroid Gland	(46)	(48)	(47)	(46)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Hyperplasia	2 (4%)			
Pituitary Gland	(50)	(50)	(50)	(49)
Cyst	1 (2%)	2 (4%)	1 (2%)	
Hemorrhage	4 (8%)	2 (4%)	5 (10%)	
Pars Distalis, Hyperplasia	8 (16%)	5 (10%)	11 (22%)	7 (14%)
Thyroid Gland	(50)	(50)	(50)	(49)
Ultimobranchial Cyst				1 (2%)
C-cell, Hyperplasia	32 (64%)	31 (62%)	29 (58%)	34 (69%)
Follicular Cell, Hyperplasia		1 (2%)		
GENERAL BODY SYSTEM				
Peritoneum	(0)	(0)	(0)	(2)
Inflammation, Suppurative, Chronic				1 (50%)
GENITAL SYSTEM				
Coagulating Gland	(3)	(0)	(1)	(2)
Hyperplasia	1 (33%)			
Inflammation, Suppurative	2 (67%)			
Epididymis	(50)	(50)	(50)	(50)
Penis	(0)	(3)	(1)	(1)
Concretion			1 (100%)	
Hyperplasia, Squamous		1 (33%)		
Preputial Gland	(50)	(50)	(49)	(50)
Ectasia			1 (2%)	1 (2%)
Hyperplasia	3 (6%)			1 (2%)
Inflammation, Suppurative, Chronic		1 (2%)		
Inflammation, Chronic Active	30 (60%)	33 (66%)	31 (63%)	37 (74%)
Prostate	(50)	(50)	(50)	(50)
Hyperplasia	12 (24%)	13 (26%)	10 (20%)	17 (34%)
Inflammation, Suppurative, Chronic				1 (2%)
Inflammation, Suppurative	38 (76%)	42 (84%)	40 (80%)	36 (72%)
Seminal Vesicle	(50)	(49)	(49)	(50)
Congestion			1 (2%)	
Dilatation				1 (2%)
Hyperplasia				1 (2%)
Inflammation, Suppurative	2 (4%)	1 (2%)		2 (4%)
Testes	(50)	(50)	(50)	(50)
Mineralization		1 (2%)	1 (2%)	
Germinal Epithelium, Atrophy	12 (24%)	8 (16%)	7 (14%)	6 (12%)
Interstitial Cell, Hyperplasia	1 (2%)		2 (4%)	1 (2%)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(50)	(50)	(50)
Thrombosis	1 (2%)			
Lymph Node	(5)	(5)	(5)	(4)
Deep Cervical, Angiectasis			1 (20%)	
Pancreatic, Angiectasis		2 (40%)		
Pancreatic, Hemorrhage				1 (25%)
Lymph Node, Bronchial	(3)	(6)	(5)	(8)
Angiectasis	1 (33%)	2 (33%)	2 (40%)	
Fibrosis		1 (17%)		
Hemorrhage	1 (33%)	1 (17%)	1 (20%)	1 (13%)
Hyperplasia, Lymphoid				4 (50%)
Lymph Node, Mandibular	(3)	(1)	(0)	(6)
Angiectasis				1 (17%)
Lymph Node, Mediastinal	(30)	(25)	(23)	(32)
Angiectasis			1 (4%)	3 (9%)
Hyperplasia, Lymphoid		1 (4%)	1 (4%)	2 (6%)
Lymph Node, Mesenteric	(50)	(50)	(50)	(50)
Angiectasis		1 (2%)	1 (2%)	2 (4%)
Hyperplasia, Lymphoid				1 (2%)
Infiltration Cellular, Histiocyte			1 (2%)	
Artery, Necrosis		1 (2%)		
Spleen	(50)	(50)	(49)	(50)
Accessory Spleen	1 (2%)		1 (2%)	
Fibrosis	1 (2%)	2 (4%)	1 (2%)	
Hematopoietic Cell Proliferation	10 (20%)	17 (34%)	13 (27%)	6 (12%)
Hemorrhage, Chronic	4 (8%)		1 (2%)	3 (6%)
Hyperplasia, Lymphoid		1 (2%)		
Infarct, Chronic		1 (2%)	2 (4%)	3 (6%)
Infiltration Cellular, Mononuclear Cell			1 (2%)	
Thymus	(43)	(41)	(47)	(46)
Cyst			1 (2%)	
INTEGUMENTARY SYSTEM				
Mammary Gland	(40)	(36)	(39)	(36)
Galactocele	1 (3%)	1 (3%)		
Hyperplasia		1 (3%)		
Epithelium, Hyperplasia	1 (3%)	1 (3%)		1 (3%)
Skin	(50)	(50)	(50)	(50)
Cyst Epithelial Inclusion		1 (2%)	1 (2%)	
Foreign Body		1 (2%)		
Hyperkeratosis	3 (6%)		2 (4%)	

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Hyperplasia, Squamous				1 (2%)
Inflammation, Suppurative, Chronic		1 (2%)	2 (4%)	10 (20%)
Inflammation, Chronic Active	1 (2%)	3 (6%)	3 (6%)	4 (8%)
Thrombosis		1 (2%)		
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Fibrosis				1 (2%)
Hyperostosis				1 (2%)
Inflammation, Suppurative, Chronic				2 (4%)
Skeletal Muscle	(1)	(1)	(3)	(3)
Inflammation, Suppurative, Chronic				1 (33%)
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Hemorrhage	1 (2%)	1 (2%)	2 (4%)	2 (4%)
Spinal Cord	(1)	(1)	(2)	(1)
RESPIRATORY SYSTEM				
Larynx	(50)	(50)	(50)	(50)
Foreign Body	6 (12%)	1 (2%)	5 (10%)	1 (2%)
Inflammation, Suppurative, Chronic				1 (2%)
Inflammation, Chronic Active	21 (42%)	28 (56%)	31 (62%)	26 (52%)
Metaplasia, Squamous	4 (8%)	6 (12%)	8 (16%)	5 (10%)
Respiratory Epithelium, Hyperplasia	1 (2%)		1 (2%)	1 (2%)
Lung	(50)	(50)	(50)	(50)
Foreign Body			1 (2%)	
Hemorrhage	2 (4%)	5 (10%)	1 (2%)	1 (2%)
Inflammation, Suppurative, Chronic			1 (2%)	3 (6%)
Inflammation, Chronic Active	5 (10%)			3 (6%)
Metaplasia, Osseous		1 (2%)		
Alveolar Epithelium, Hyperplasia	15 (30%)	11 (22%)	13 (26%)	11 (22%)
Alveolar Epithelium, Metaplasia, Squamous			1 (2%)	
Alveolus, Infiltration Cellular, Histiocyte	16 (32%)	14 (28%)	13 (26%)	11 (22%)
Artery, Inflammation				1 (2%)
Nose	(50)	(48)	(48)	(50)
Degeneration, Hyaline		1 (2%)		
Foreign Body	11 (22%)	10 (21%)	15 (31%)	11 (22%)
Inflammation, Suppurative, Chronic		1 (2%)	2 (4%)	7 (14%)
Inflammation, Chronic Active	29 (58%)	33 (69%)	34 (71%)	35 (70%)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Epithelium, Accumulation, Hyaline Droplet	44 (88%)	39 (81%)	36 (75%)	44 (88%)
Glands, Hyperplasia	5 (10%)	14 (29%)	14 (29%)	15 (30%)
Olfactory Epithelium, Atrophy			1 (2%)	
Olfactory Epithelium, Metaplasia, Respiratory	7 (14%)	10 (21%)	12 (25%)	12 (24%)
Respiratory Epithelium, Hyperplasia	14 (28%)	15 (31%)	20 (42%)	17 (34%)
Respiratory Epithelium, Metaplasia, Squamous	1 (2%)	1 (2%)		2 (4%)
Trachea	(50)	(50)	(50)	(50)
Inflammation, Chronic Active	1 (2%)	1 (2%)	1 (2%)	4 (8%)
Epithelium, Hyperplasia	1 (2%)			1 (2%)
SPECIAL SENSES SYSTEM				
Eye	(49)	(49)	(50)	(50)
Inflammation, Chronic Active			1 (2%)	2 (4%)
Lens, Cataract	2 (4%)		3 (6%)	2 (4%)
Retina, Degeneration		1 (2%)		
Harderian Gland	(50)	(50)	(50)	(50)
Inflammation, Suppurative, Chronic				2 (4%)
Lacrimal Gland	(1)	(0)	(0)	(0)
Inflammation, Chronic Active	1 (100%)			
Zymbal's Gland	(0)	(1)	(2)	(2)
URINARY SYSTEM				
Kidney	(50)	(50)	(50)	(49)
Cyst			1 (2%)	1 (2%)
Inflammation, Suppurative	1 (2%)			
Nephropathy, Chronic	44 (88%)	45 (90%)	39 (78%)	44 (90%)
Cortex, Infarct	1 (2%)			
Cortex, Renal Tubule, Casts Granular			2 (4%)	
Pelvis, Inflammation, Chronic Active				2 (4%)
Urinary Bladder	(50)	(50)	(50)	(50)
Hemorrhage			1 (2%)	
Inflammation, Chronic Active	1 (2%)			1 (2%)
Transitional Epithelium, Hyperplasia				1 (2%)

*** END OF MALE ***

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Disposition Summary				
Animals Initially in Study	50	50	50	50
Early Deaths				
Accidently Killed				2
Moribund Sacrifice	13	17	17	23
Natural Death	3		3	1
Survivors				
Terminal Sacrifice	34	33	30	24
Animals Examined Microscopically	50	50	50	50

ALIMENTARY SYSTEM

Intestine Large, Colon	(47)	(50)	(48)	(49)
Intestine Large, Rectum	(47)	(50)	(48)	(49)
Inflammation, Suppurative				1 (2%)
Necrosis				1 (2%)
Intestine Small, Ileum	(46)	(50)	(47)	(48)
Intestine Small, Jejunum	(47)	(50)	(47)	(48)
Liver	(50)	(50)	(50)	(50)
Angiectasis	3 (6%)	2 (4%)	2 (4%)	1 (2%)
Basophilic Focus	40 (80%)	43 (86%)	42 (84%)	39 (78%)
Clear Cell Focus	30 (60%)	34 (68%)	35 (70%)	35 (70%)
Cyst	1 (2%)			
Degeneration, Cystic				1 (2%)
Eosinophilic Focus	1 (2%)		1 (2%)	
Hepatodiaphragmatic Nodule	4 (8%)	9 (18%)	5 (10%)	5 (10%)
Mixed Cell Focus	2 (4%)	2 (4%)	3 (6%)	3 (6%)
Necrosis	1 (2%)		1 (2%)	
Vacuolization Cytoplasmic	40 (80%)	41 (82%)	39 (78%)	47 (94%)
Bile Duct, Cyst				1 (2%)
Serosa, Fibrosis	1 (2%)			
Mesentery	(13)	(26)	(17)	(23)
Necrosis	13 (100%)	26 (100%)	16 (94%)	22 (96%)
Oral Mucosa	(2)	(0)	(1)	(1)
Foreign Body			1 (100%)	1 (100%)
Hyperplasia, Squamous	2 (100%)		1 (100%)	1 (100%)
Inflammation, Chronic Active				1 (100%)
Pancreas	(50)	(50)	(50)	(50)
Acinus, Atrophy	9 (18%)	12 (24%)	7 (14%)	7 (14%)
Salivary Glands	(50)	(50)	(50)	(50)
Hyperplasia			1 (2%)	
Inflammation, Chronic Active				1 (2%)

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Necrosis			1 (2%)	
Stomach, Forestomach	(50)	(50)	(50)	(50)
Hyperplasia, Basal Cell	1 (2%)			1 (2%)
Hyperplasia, Squamous	4 (8%)		2 (4%)	2 (4%)
Ulcer	2 (4%)	3 (6%)	3 (6%)	6 (12%)
Stomach, Glandular	(50)	(50)	(50)	(50)
Erosion		1 (2%)		
Ulcer	3 (6%)	1 (2%)	1 (2%)	1 (2%)
Tongue	(0)	(1)	(0)	(1)
Hyperplasia, Squamous		1 (100%)		
Tooth	(0)	(0)	(1)	(0)
Inflammation, Chronic Active			1 (100%)	
CARDIOVASCULAR SYSTEM				
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	35 (70%)	32 (64%)	34 (68%)	21 (42%)
Atrium, Thrombosis	1 (2%)			
ENDOCRINE SYSTEM				
Adrenal Cortex	(50)	(50)	(50)	(50)
Degeneration, Cystic	1 (2%)		1 (2%)	
Hyperplasia	27 (54%)	30 (60%)	24 (48%)	26 (52%)
Necrosis				1 (2%)
Vacuolization Cytoplasmic	12 (24%)	16 (32%)	16 (32%)	11 (22%)
Adrenal Medulla	(50)	(50)	(50)	(50)
Hyperplasia	4 (8%)	9 (18%)	7 (14%)	6 (12%)
Metaplasia, Osseous	1 (2%)			
Islets, Pancreatic	(50)	(50)	(50)	(50)
Hyperplasia		3 (6%)	4 (8%)	4 (8%)
Metaplasia, Hepatocyte			2 (4%)	1 (2%)
Pituitary Gland	(50)	(50)	(50)	(50)
Cyst	2 (4%)	1 (2%)	2 (4%)	2 (4%)
Hemorrhage	2 (4%)	4 (8%)	5 (10%)	3 (6%)
Pars Distalis, Hyperplasia	7 (14%)	11 (22%)	7 (14%)	7 (14%)
Thyroid Gland	(50)	(50)	(50)	(50)
Ultimobranchial Cyst	1 (2%)	1 (2%)		
C-cell, Hyperplasia	39 (78%)	36 (72%)	37 (74%)	37 (74%)
Follicular Cell, Hyperplasia		1 (2%)	2 (4%)	
GENERAL BODY SYSTEM				

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
None				
GENITAL SYSTEM				
Clitoral Gland	(49)	(50)	(49)	(49)
Hyperplasia	3 (6%)	5 (10%)	9 (18%)	4 (8%)
Inflammation, Chronic Active	22 (45%)	26 (52%)	26 (53%)	18 (37%)
Ovary	(50)	(50)	(50)	(50)
Cyst	3 (6%)	1 (2%)	7 (14%)	3 (6%)
Interstitial Cell, Hyperplasia			1 (2%)	
Uterus	(50)	(50)	(50)	(50)
Congestion			1 (2%)	
Cyst				1 (2%)
Decidual Reaction				2 (4%)
Hemorrhage		2 (4%)		1 (2%)
Hydrometra		1 (2%)		
Inflammation, Chronic Active				1 (2%)
Endometrium, Hyperplasia			1 (2%)	
Vagina	(3)	(0)	(0)	(0)
Muscularis, Hypertrophy	2 (67%)			
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(50)	(50)	(50)
Hyperplasia, Histiocytic	1 (2%)	1 (2%)	1 (2%)	1 (2%)
Lymph Node	(1)	(3)	(2)	(2)
Inflammation, Chronic Active	1 (100%)			
Deep Cervical, Ectasia		1 (33%)		
Deep Cervical, Hyperplasia, Lymphoid		1 (33%)		
Pancreatic, Hemorrhage				1 (50%)
Lymph Node, Bronchial	(1)	(4)	(5)	(7)
Angiectasis	1 (100%)		2 (40%)	1 (14%)
Hemorrhage			1 (20%)	1 (14%)
Lymph Node, Mediastinal	(34)	(30)	(31)	(28)
Angiectasis			2 (6%)	2 (7%)
Hemorrhage				2 (7%)
Lymph Node, Mesenteric	(49)	(49)	(50)	(50)
Hemorrhage			1 (2%)	
Hyperplasia, Lymphoid	1 (2%)			
Infiltration Cellular, Histiocyte	1 (2%)			1 (2%)
Spleen	(50)	(50)	(50)	(50)
Hematopoietic Cell Proliferation	33 (66%)	32 (64%)	29 (58%)	21 (42%)
Hemorrhage, Chronic	1 (2%)		1 (2%)	2 (4%)
Infarct, Chronic	1 (2%)	1 (2%)	1 (2%)	1 (2%)

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Inflammation, Granulomatous		2 (4%)		
Lymphoid Follicle, Atrophy		1 (2%)		
Thymus	(46)	(45)	(45)	(43)
Cyst	1 (2%)			
INTEGUMENTARY SYSTEM				
Mammary Gland	(50)	(50)	(50)	(50)
Galactocele	1 (2%)		3 (6%)	1 (2%)
Hyperplasia	1 (2%)			
Inflammation, Chronic Active			1 (2%)	1 (2%)
Skin	(50)	(50)	(50)	(50)
Hyperkeratosis	1 (2%)	2 (4%)	2 (4%)	
Hyperplasia, Squamous		1 (2%)		
Inflammation, Suppurative, Chronic		1 (2%)		1 (2%)
Inflammation, Chronic Active	1 (2%)	2 (4%)	1 (2%)	
Ulcer		1 (2%)	1 (2%)	
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Fracture				1 (2%)
Inflammation, Suppurative, Chronic				1 (2%)
Skeletal Muscle	(0)	(0)	(1)	(4)
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Angiectasis		1 (2%)		
Hemorrhage			1 (2%)	
Spinal Cord	(0)	(1)	(0)	(3)
Cyst Epithelial Inclusion				1 (33%)
RESPIRATORY SYSTEM				
Larynx	(50)	(50)	(50)	(50)
Foreign Body	8 (16%)	6 (12%)	3 (6%)	4 (8%)
Inflammation, Suppurative, Chronic				3 (6%)
Inflammation, Chronic Active	18 (36%)	25 (50%)	30 (60%)	32 (64%)
Metaplasia, Squamous	3 (6%)	2 (4%)	6 (12%)	21 (42%)
Necrosis				1 (2%)
Respiratory Epithelium, Hyperplasia		1 (2%)		

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Lung	(50)	(50)	(50)	(50)
Hemorrhage	4 (8%)	6 (12%)	4 (8%)	4 (8%)
Inflammation, Suppurative, Chronic				4 (8%)
Inflammation, Chronic Active	6 (12%)	10 (20%)	12 (24%)	2 (4%)
Alveolar Epithelium, Hyperplasia	11 (22%)	10 (20%)	16 (32%)	8 (16%)
Alveolus, Infiltration Cellular, Histiocyte	30 (60%)	30 (60%)	29 (58%)	26 (52%)
Nose	(50)	(50)	(49)	(50)
Foreign Body	6 (12%)	6 (12%)	6 (12%)	9 (18%)
Inflammation, Suppurative, Chronic		1 (2%)	3 (6%)	7 (14%)
Inflammation, Chronic Active	24 (48%)	37 (74%)	37 (76%)	36 (72%)
Epithelium, Accumulation, Hyaline Droplet	48 (96%)	48 (96%)	48 (98%)	47 (94%)
Glands, Hyperplasia	6 (12%)	23 (46%)	28 (57%)	30 (60%)
Olfactory Epithelium, Hyperplasia	1 (2%)			
Olfactory Epithelium, Metaplasia, Respiratory	3 (6%)	4 (8%)	6 (12%)	9 (18%)
Respiratory Epithelium, Hyperplasia	5 (10%)	13 (26%)	9 (18%)	18 (36%)
Respiratory Epithelium, Metaplasia, Squamous	1 (2%)	1 (2%)	5 (10%)	1 (2%)
Pleura	(0)	(0)	(1)	(0)
Trachea	(50)	(50)	(50)	(50)
Inflammation, Chronic Active		4 (8%)	1 (2%)	6 (12%)
Epithelium, Hyperplasia				4 (8%)
Epithelium, Metaplasia, Squamous				1 (2%)
Epithelium, Necrosis				1 (2%)
SPECIAL SENSES SYSTEM				
Ear	(0)	(0)	(1)	(1)
Inflammation, Suppurative, Chronic				1 (100%)
Eye	(50)	(50)	(50)	(50)
Cornea, Inflammation, Chronic Active			1 (2%)	
Lens, Cataract	4 (8%)	3 (6%)	5 (10%)	2 (4%)
Harderian Gland	(50)	(50)	(50)	(50)
Inflammation, Suppurative, Chronic				1 (2%)
Inflammation, Chronic Active			1 (2%)	1 (2%)
Zymbal's Gland	(1)	(1)	(2)	(0)
URINARY SYSTEM				
Kidney	(49)	(50)	(50)	(50)
Cyst	1 (2%)	1 (2%)		
Nephropathy, Chronic	35 (71%)	35 (70%)	31 (62%)	29 (58%)
Cortex, Infarct			1 (2%)	
Cortex, Renal Tubule, Accumulation, Hyaline Droplet			1 (2%)	

TDMS No. 20011 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 07/09/2008

Time Report Requested: 10:20:06

First Dose M/F: 07/14/03 / 07/14/03

Lab: BNW

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Pelvis, Inflammation, Suppurative			1 (2%)	
Pelvis, Inflammation, Chronic Active			1 (2%)	

*** END OF REPORT ***