TDMS No. 88123 - 05 Test Type: CHRONIC

Route: GAVAGE

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

FORMAMIDE

CAS Number: 75-12-7

Species/Strain: RATS/F 344 Pathologist: SELLS, D. - KURTZ, F.

Final 1 Rats

C Number: C88123B

Lock Date: 11/20/2003

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

FORMAMIDE

CAS Number: 75-12-7

Species/Strain: RATS/F 344 Pathologist: SELLS, D. - KURTZ, F.

TDMS No. 88123 - 05

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FISCHER 344 RATS MALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
Disposition Summary					
disposition Summary					
Animals Initially in Study	50	50	50	50	
Early Deaths					
Moribund Sacrifice	24	15	22	18	
Natural Death		8	2	3	
Survivors Terminal Sacrifice	26	27	26	29	
Animals Examined Microscopically	50	50	50	50	
Animals Examined microscopically	30	30	30	30	
LIMENTARY SYSTEM					
Esophagus	(50)	(49)	(50)	(50)	
Inflammation	1 (2%)	(1-7)	()	1 (2%)	
Intestine Large, Cecum	(49)	(50)	(50)	(50)	
Intestine Large, Colon	(50)	(50)	(50)	(50)	
Parasite Metazoan	1 (2%)	2 (4%)	1 (2%)	1 (2%)	
Intestine Large, Rectum	(50)	(50)	(50)	(50)	
Parasite Metazoan	8 (16%)	9 (18%)	11 (22%)	10 (20%)	
Intestine Small, Duodenum	(50)	(50)	(50)	(50)	
Intestine Small, Ileum	(50)	(50)	(50)	(50)	
Intestine Small, Jejunum	(50)	(50)	(50)	(50)	
Hemorrhage			1 (2%)		
Inflammation, Chronic Active			1 (2%)		
Mineralization			1 (2%)		
Perforation			1 (2%)		
Ulcer	(50)	(50)	1 (2%)	(50)	
Liver	(50) 3 (6%)	(50)	(50)	(50)	
Angiectasis Basophilic Focus	3 (6%) 32 (64%)	2 (4%) 34 (68%)	2 (4%) 33 (66%)	1 (2%) 30 (60%)	
Clear Cell Focus	32 (64%) 21 (42%)	34 (68%) 19 (38%)	33 (66%) 24 (48%)	30 (60%) 16 (32%)	
Degeneration, Cystic	7 (14%)	6 (12%)	24 (46%) 2 (4%)	5 (10%)	
Eosinophilic Focus	7 (14%) 14 (28%)	16 (32%)	8 (16%)	13 (26%)	
Fatty Change, Focal	9 (18%)	9 (18%)	12 (24%)	5 (10%)	
Fatty Change, Diffuse	14 (28%)	14 (28%)	13 (26%)	9 (18%)	
Hematopoietic Cell Proliferation	4 (8%)	4 (8%)	5 (10%)	5 (10%)	
Hepatodiaphragmatic Nodule	4 (8%)	7 (14%)	8 (16%)	6 (12%)	
Hyperplasia, Granulocytic	. (373)	. (/ • /	J (1070)	1 (2%)	
Inflammation	38 (76%)	36 (72%)	38 (76%)	37 (74%)	

a - Number of animals examined microscopically at site and number of animals with lesion

FORMAMIDE

CAS Number: 75-12-7

Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

Lab: BAT

sis instation 1 (2%) 1 (2%	FISCHER 344 RATS MALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
sis 2 (4%) 4 (8%) 5 (10%) 6 (12%) mattation 1 (2%) 1 (2%) mattation 1 (2%) 1 (2%) 1 (2%) mattation 1 (2%) 1 (2%) 1 (2%) mattation 1 (2%) 1 (2						
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Intation 1 (2%) 1	Necrosis		4 (8%)			
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1 (2%) 1	Regeneration	1 (2%)	. (270)	1 (2%)		
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Dilization Cytoplasmic, Diffuse 1 (2%)		. (270)		1 (2%)		
uuct, Cyst 1 (2%) uuct, Hyperplasia 49 (98%) 48 (96%) 47 (94%) 44 (88%) lobular, Degeneration 10 (20%) 8 (16%) 8 (16%) 6 (12%) 2cll, Hyperplasia 23 (46%) 15 (30%) 20 (40%) 12 (24%) a, Cyst 1 (2%) 12 (24%) a, Fibrosis 1 (2%) 1 (14%) ery (10) (12) (7) (10) rrhage 1 (14%) 1 (14%) lecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%) locosa (22) (27) (29) (20) val, Hyperplasia, Squamous 21 (95%) 27 (100%) 29 (100%) 20 (100%) as (50) (50) (50) (50) (50) (50) ry 1 (2%) 2 (4%) 2 (4%) 2 (4%) 20 (100%) ry 1 (2%) 2 (4%) 7 (14%) 3 (6%) ry 1 (2%) 2 (4%) 7 (14%) 3 (6%) ry 1 (2%) 2 (4%) 7 (14%) 3 (6%) ry 1 (2%) 2 (4%) 7 (14%) 3 (6%) ry 1 (2%) 2 (4%) 2 (4%) 2 (4%) 2 (4%) <td< td=""><td></td><td>1 (2%)</td><td></td><td>1 (270)</td><td>1 (2%)</td><td></td></td<>		1 (2%)		1 (270)	1 (2%)	
uct, Fibrosis 1 (2%) uct, Hyperplasia 49 (88%) 48 (86%) 47 (94%) 44 (88%) lobular, Degeneration 10 (20%) 8 (16%) 8 (16%) 6 (12%) 2ell, Hyperplasia 23 (46%) 15 (30%) 20 (40%) 12 (24%) a, Cyst 1 (2%) 3 4 (26%) 4 (26%) ery (10) (12) (7) (10) urrhage 1 (14%) 6 (86%) 10 (100%) lecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%) lecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%) lecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%) lecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%) lecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%) lecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%) lecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%) lecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%) lecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%) lecrosis 1 (2%) 2 (47%) 1 (4%) 2 (4%) lecrosis	Bile Duct, Cyst				1 (270)	
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Idoular, Degeneration		49 (98%)		47 (94%)	44 (88%)	
Cell, Hyperplasia 23 (46%) 15 (30%) 20 (40%) 12 (24%) 24 (48%)						
a, Cyst 1 (2%) 2 (7) (10) (10) (12) (7) (10) (10) (14%)		23 (46%)				
a, Fibrosis ery (10) (12) (17) (10) (12) (10) (10) (11) (10) (11) (10) (11) (11	Serosa, Cyst		13 (30 %)	20 (40 %)	12 (2470)	
rery (10) (12) (7) (10) (10) rrhage (10) (12) (7) (10) rrhage (11) (14) (10) rrhage (11) (10) rrhage (11) (10) (10) (10) (10) (10) (10) (10)	Serosa, Fibrosis	1 (2%)				
rarfage (ecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%)	Mesentery		(12)	(7)	(10)	
lecrosis 9 (90%) 10 (83%) 6 (86%) 10 (100%)	Hemorrhage	(10)	(12)	1 (14%)	(10)	
Cosa (22)	Fat, Necrosis	a (an%)	10 (83%)		10 (100%)	
val, Hyperplasia, Squamous 21 (95%) 27 (100%) 29 (100%) 20 (100%) as (50) (50) (50) (50) by 1 (2%) 2 (4%) shilic Focus 2 (4%) 2 (4%) tition Cellular, Mononuclear Cell 4 (8%) 2 (4%) 7 (14%) 3 (6%) imation, Chronic Active 23 (46%) 24 (48%) 25 (50%) 27 (54%) olization Cytoplasmic 1 (2%) 21 (42%) 21 (42%) 24 (48%) s, Hyperplasia 2 (4%) 3 (6%) 1 (2%) 2 (4%) s, Hyperplasia, Focal 1 (2%) 2 (4%) 1 (2%) 2 (4%) Cyst 2 (4%) 2 (4%) 1 (2%) 1 (2%) Cyst 2 (4%) 2 (4%) 1 (2%) 50) Dilization Cytoplasmic (50) (50) (50) (50) (50) h, Forestomach (50) (50) (50) (50) (50) a 2 (4%) 2 (4%) 1 (2%) 2 (4%) b) 1 (2%) 1 (2%) 2 (4%) 3 (6%) c) 1 (2%) 1 (2%) 2 (4%) 3 (6%) d) 1 (2%) 1 (2%) 2 (4%) 3 (6%) e)	Oral Mucosa					
(50) (50) (50) (50) (50) (50) (50) (50)						
1 (2%) 2 (4%) 2 (50%) 2 (50%) 2 (50%) 2 (50%) 2 (50%) 2 (50%) 2 (50%) 2 (50%) 2 (50%) 2 (50%) 2 (50%) 2 (4%) 2 (48%) 2 (48%) 3 (6%) 2 (48%) 3 (6%) 2 (48%) 3 (6%) 2 (4%) 3 (6%) 2 (4%) 2 (4%) 2 (4%) 2 (4%) 3 (6%) 4 (2%) 2 (4%) 5 (50) 5 (50) 5 (50) 5 (50) 6 (50) 1 (2%)	Pancreas					
Shilic Focus 2 (4%) Ition Cellular, Mononuclear Cell 4 (8%) 2 (4%) 7 (14%) 3 (6%) Imation, Chronic Active 23 (46%) 24 (48%) 25 (50%) 27 (54%) Dization Cytoplasmic 1 (2%) 21 (42%) 21 (42%) 24 (48%) S, Atrophy 21 (42%) 21 (42%) 21 (42%) 24 (48%) S, Hyperplasia 2 (4%) 3 (6%) 1 (2%) 2 (4%) Cyst 2 (4%) 2 (4%) 1 (2%) Y Glands (50) (50) (50) (50) (50) Y Glands (50) (50) (50) <td>Atrophy</td> <td></td> <td>(30)</td> <td>(30)</td> <td>(50)</td> <td></td>	Atrophy		(30)	(30)	(50)	
tition Cellular, Mononuclear Cell 4 (8%) 2 (4%) 7 (14%) 3 (6%) Imation, Chronic Active 23 (46%) 24 (48%) 25 (50%) 27 (54%) Imation Cytoplasmic 1 (2%) s, Atrophy 21 (42%) 21 (42%) 21 (42%) 24 (48%) s, Hyperplasia 2 (4%) 3 (6%) 1 (2%) 2 (4%) s, Hyperplasia, Focal 1 (2%) Cyst 2 (4%) 2 (4%) 1 (2%) Ciglands (50) (50) (50) (50) Dilization Cytoplasmic 1 (2%) h, Forestomach (50) (50) (50) (50) a (50) a (50) a (2 (4%) b) a (2 (4%) b) a (50) a (50) a (50) b) a (50) a (50) b) a (50) b) a (50) b) a (50) c) a (50) b) a (50) b) a (50) c) b) b, Glandular (50) (50) (50) (50) c) c) c) c) c) d)		1 (2%)		2 (49/)		
tition Cellular, Mononuclear Cell 4 (8%) 2 (4%) 7 (14%) 3 (6%) Imation, Chronic Active 23 (46%) 24 (48%) 25 (50%) 27 (54%) Idization Cytoplasmic 1 (2%) Is, Atrophy 21 (42%) 21 (42%) 21 (42%) 24 (48%) Is, Hyperplasia 2 (4%) 3 (6%) 1 (2%) 2 (4%) Is, Hyperplasia, Focal 1 (2%) Cyst 2 (4%) 2 (4%) 1 (2%) Idiands (50) (50) (50) (50) Idization Cytoplasmic 1 (2%) In, Forestomach (50) (50) (50) (50) In (Cyst	1 (20/)		2 (4%)		
Amation, Chronic Active 23 (46%) 24 (48%) 25 (50%) 27 (54%) 27 (54%) 21 (2%) 21 (42%) 21 (42%) 24 (48%) 24 (48%) 25 (50%) 27 (54%		1 (270) 4 (99/)	2 (49/)	7 (140/)	2 (69/)	
blization Cytoplasmic 1 (2%) s, Atrophy 21 (42%) 21 (42%) 21 (42%) 24 (48%) s, Hyperplasia 2 (4%) 3 (6%) 1 (2%) 2 (4%) 2 (4%) 1 (2%) Cyst 2 (4%) 2 (4%) 1 (2%) (50)						
s, Atrophy 21 (42%) 21 (42%) 21 (42%) 24 (48%) 24 (48%) 25, Hyperplasia 24 (4%) 36%) 1 (2%) 2 (4%) 26, Hyperplasia, Focal 26, Hyperplasia, Focal 26, Hyperplasia, Focal 27, Hyperplasia, Focal 28, Hyperplasia, Hyperplasia, Focal 28, Hyperplasia, Hype		23 (40%)		25 (50%)	27 (34%)	
s, Hyperplasia 2 (4%) 3 (6%) 1 (2%) 2 (4%) s, Hyperplasia, Focal 1 (2%) 2 (4%) 1 (2%) 2 (4%) 1 (2%) 2 (4%) 1 (2%) 2 (4%) 1 (2%) 2 (4%) 1 (2%) 2 (4%) 1 (2%) 2 (4%) 1 (2%) 2 (4%) 1 (2%) 2 (4%) 1 (2%)		24 (420/)	1 (2%)	24 (420/)	24 (490/)	
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diands (50) (50) (50) (50) blization Cytoplasmic 1 (2%) h, Forestomach (50) (50) (50) a 2 (4%) con 1 (2%) replasia, Squamous 2 (4%) simation 1 (2%) 1 (2%) 2 (4%) h, Glandular (50) (50) (50) (50) 1 (2%) 1 (2%) 1 (2%) 1 (2%)		1 (2%)	0 (40/)	0 (40/)	4 (20/)	
Dilization Cytoplasmic h, Forestomach con	Duct, Cyst	(EO)				
h, Forestomach (50) (50) (50) (50) (50) (50) (50) (50)	Salivary Glands	(50)		(50)	(50)	
2 (4%) 2 (4%) 2 (4%) 2 (4%) 3 (6%) 3 (6%) 4 (2%) 4 (2%) 5 (50) 6 (50) 7 (2%) 7 (2%) 7 (2%) 7 (2%) 7 (2%) 7 (2%) 7 (2%) 7 (2%) 8 (2) (4%) 9 (2)		(50)		(50)	(50)	
on 1 (2%) 2 (4%) 2 (4%) 3 (6%) 3 (6%) 4 (2%)		(50)	(50)	(50)		
rplasia, Squamous 2 (4%) mation 1 (2%) 1 (2%) 2 (4%) 3 (6%) 1 (2%) 1 (2%) 1 (2%) 2 (4%) 1 (2%) 2 (4%) 6 (50) 6 (50) 6 (50) 1 (2%) 5 (50)	Edema					
mation 1 (2%) 1 (2%) 2 (4%) 3 (6%) 1 (2%) 1 (2%) 2 (4%) 2 (4%) 4 (4%) 4 (50) 4 (50) (50) (50) (50) (50)	Erosion					
1 (2%) 1 (2%) 1 (2%) 2 (4%) h, Glandular (50) (50) (50) (50) (50)		1 (20/)	4 (20/)	2 (40/)	∠ (4%) 2 (6%)	
h, Glandular (50) (50) (50) (50) (50) (50)	Inflammation Ulcer					
1 (2%)						
		(50)		(50)	(50)	
a ۱ (ک ⁷ ه) ۱ (ک ^۳ ه)	Cyst Edema	4 (20/)				
	Eueilia	I (2%)	I (Z%)			

TDMS No. 88123 - 05

Test Type: CHRONIC

Species/Strain: RATS/F 344

FORMAMIDE

CAS Number: 75-12-7

Species/Strain: RATS/F 344 **Pathologist:** SELLS, D. - KURTZ, F.

TDMS No. 88123 - 05

Test Type: CHRONIC

Route: GAVAGE

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

FISCHER 344 RATS MALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
		0 (00()		4 (00)	
Erosion Hyperplasia	1 (2%)	3 (6%)		1 (2%)	
Inflammation	1 (270)			1 (2%)	
Mineralization	1 (2%)	1 (2%)		(270)	
Ulcer			1 (2%)		
Tongue	(0)	(1)	(0)	(0)	
Tooth	(25)	(32)	(30)	(25)	
Malformation	1 (4%)	22 (4000()	20 (4000()	25 (4000/)	
Peridontal Tissue, Inflammation	24 (96%)	32 (100%)	30 (100%)	25 (100%)	
CARDIOVASCULAR SYSTEM					
Blood Vessel	(50)	(50)	(50)	(50)	
Heart	(50)	(50)	(50)	(50)	
Cardiomyopathy	48 (96%)	50 (100%)	48 (96%)	45 (90%)	
Thrombosis	3 (6%)	2 (4%)	2 (4%)	1 (2%)	
Atrium, Thrombosis	1 (2%)			4 (00()	
Endocardium, Hyperplasia				1 (2%)	
ENDOCRINE SYSTEM					
Adrenal Cortex	(50)	(50)	(50)	(50)	
Angiectasis	9 (18%)	18 (36%)	20 (40%)	11 (22%)	
Degeneration, Cystic	2 (4%)			1 (2%)	
Hematopoietic Cell Proliferation	1 (2%)	1 (2%)	1 (2%)		
Hyperplasia	12 (24%)	6 (12%)	9 (18%)	13 (26%)	
Hypertrophy	7 (14%)	8 (16%)	10 (20%)	7 (14%)	
Infiltration Cellular, Mononuclear Cell Vacuolization Cytoplasmic	31 (62%)	1 (2%) 29 (58%)	9 (18%) 33 (66%)	9 (18%) 29 (58%)	
Adrenal Medulla	(50)	(50)	(50)	(50)	
Angiectasis	(30)	2 (4%)	(30)	(30)	
Hyperplasia	12 (24%)	13 (26%)	15 (30%)	21 (42%)	
Infiltration Cellular, Mononuclear Cell	2 (4%)	2 (4%)	1 (2%)	(· - / · · /	
Islets, Pancreatic	(50)	(50)	(50)	(50)	
Hyperplasia	4 (8%)	4 (8%)	3 (6%)	2 (4%)	
Parathyroid Gland	(48)	(49)	(49)	(49)	
Hyperplasia	/	,	1 (2%)		
Pituitary Gland	(50)	(50)	(50)	(50)	
Angiectasis	13 (26%)	18 (36%)	20 (40%)	19 (38%)	
Cyst	3 (6%)	2 (4%)	3 (6%)	4 (8%)	

a - Number of animals examined microscopically at site and number of animals with lesion

FORMAMIDE

CAS Number: 75-12-7

Species/Strain: RATS/F 344 **Pathologist:** SELLS, D. - KURTZ, F.

TDMS No. 88123 - 05

Test Type: CHRONIC

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Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

FISCHER 344 RATS MALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
Pars Distalis, Hyperplasia Pars Intermedia, Hyperplasia	24 (48%)	23 (46%) 1 (2%)	19 (38%)	18 (36%)	
Pars Nervosa, Rathke's Cleft, Hyperplasia,		1 (270)		1 (2%)	
Tubular Thyroid Gland	(50)	(50)	(50)	(50)	
Inflammation	1 (2%)	, ,		, ,	
C-cell, Hyperplasia Follicle, Cyst	22 (44%)	18 (36%)	17 (34%)	18 (36%) 1 (2%)	
Follicular Cell, Hyperplasia			2 (4%)	1 (2%)	
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Coagulating Gland	(0)	(1)	(1)	(0)	
Inflammation	(50)	1 (100%)	(50)	(50)	
Epididymis Infiltration Cellular, Mononuclear Cell	(50) 1 (2%)	(50)	(50)	(50)	
Inflammation	1 (2%)		1 (2%)		
Preputial Gland	(50)	(50)	(50)	(50)	
Inflammation	50 (100%)	47 (94%)	45 (90%)	46 (92%)	
Duct, Ectasia	7 (14%)	14 (28%)	2 (4%)	4 (8%)	
Prostate	(50)	(50)	(50)	(50)	
Cyst	1 (2%)	1 (2%)	3E (70%)	20 (60%)	
Inflammation Epithelium, Degeneration	28 (56%)	29 (58%)	35 (70%)	30 (60%) 1 (2%)	
Epithelium, Hyperplasia	6 (12%)	7 (14%)	7 (14%)	5 (10%)	
Epithelium, Vacuolization Cytoplasmic	1 (2%)	7 (1470)	7 (1476)	3 (10%)	
Seminal Vesicle	(50)	(50)	(50)	(49)	
Dilatation	1 (2%)	(00)	(00)	()	
Inflammation	- (= / -/)	1 (2%)			
Testes	(50)	(50)	(50)	(50)	
Artery, Inflammation, Chronic Active	` '			1 (2%)	
Germinal Epithelium, Atrophy	2 (4%)	1 (2%)	1 (2%)	1 (2%)	
Germinal Epithelium, Degeneration	1 (2%)		1 (2%)		
Interstitial Cell, Hyperplasia	4 (8%)	1 (2%)	1 (2%)	1 (2%)	

a - Number of animals examined microscopically at site and number of animals with lesion

FORMAMIDE

CAS Number: 75-12-7

Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
HEMATOPOIETIC SYSTEM					
Bone Marrow	(50)	(50)	(50)	(50)	
Atrophy	4 (8%)	5 (10%)	3 (6%)	3 (6%)	
	19 (38%)	24 (48%)	22 (44%)	29 (58%)	
Hyperplasia					
Lymph Node	(7)	(8)	(8)	(5)	
Deep Cervical, Ectasia		1 (13%)		3 (60%)	
Deep Cervical, Hemorrhage		2 (25%)		4 (200/)	
Deep Cervical, Hyperplasia				1 (20%)	
Deep Cervical, Hyperplasia, Plasma Cell		0 (050()	4 (400()	1 (20%)	
Mediastinal, Ectasia		2 (25%)	1 (13%)		
Mediastinal, Hemorrhage	(0)	1 (13%)	(0)	(0)	
Lymph Node, Mandibular	(0)	(1)	(0)	(3)	
Ectasia	(==)	(==)	(==)	1 (33%)	
Lymph Node, Mesenteric	(50)	(50)	(50)	(50)	
Ectasia	7 (14%)	4 (8%)	3 (6%)	5 (10%)	
Hemorrhage			1 (2%)		
Hyperplasia, Histiocytic				1 (2%)	
Spleen	(50)	(50)	(50)	(50)	
Accessory Spleen			1 (2%)		
Fibrosis		1 (2%)			
Hematopoietic Cell Proliferation	41 (82%)	34 (68%)	36 (72%)	43 (86%)	
Hyperplasia, Granulocytic				1 (2%)	
Hyperplasia, Histiocytic		1 (2%)	3 (6%)		
Hyperplasia, Lymphoid, Focal		1 (2%)			
Hyperplasia, Focal		1 (2%)		1 (2%)	
Pigmentation	29 (58%)	31 (62%)	32 (64%)	34 (68%)	
Capsule, Fibrosis				1 (2%)	
Capsule, Hemorrhage				1 (2%)	
Lymphoid Follicle, Atrophy		1 (2%)		1 (2%)	
Lymphoid Follicle, Depletion Cellular		2 (4%)			
Red Pulp, Atrophy		1 (2%)			
Thymus	(49)	(45)	(47)	(48)	
Atrophy	46 (94%)	40 (89%)	41 (87%)	42 (88%)	
INTEGUMENTARY SYSTEM					
Mammary Gland	(50)	(48)	(50)	(50)	
Cyst	2 (4%)	4 (8%)	2 (4%)	3 (6%)	
Hyperplasia	3 (6%)	3 (6%)	2 (4%)	3 (6%)	

TDMS No. 88123 - 05

Test Type: CHRONIC

Species/Strain: RATS/F 344

a - Number of animals examined microscopically at site and number of animals with lesion

FORMAMIDE

CAS Number: 75-12-7

Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
Skin	(50)	(50)	(50)	(50)	
Cyst Epithelial Inclusion Edema	1 (2%)		1 (2%)		
Hemorrhage	1 (2%)				
Inflammation	3 (6%)				
Ulcer	1 (2%)				
MUSCULOSKELETAL SYSTEM					
Bone	(50)	(50)	(50)	(50)	
Hyperplasia, Granulocytic	(30)	(30)	(30)	1 (2%)	
Typorpiasia, Statiaissylls				(270)	
IERVOUS SYSTEM					
Brain	(50)	(50)	(50)	(50)	
Edema		. ,		1 (2%)	
Hemorrhage	2 (4%)	1 (2%)	2 (4%)	1 (2%)	
Hydrocephalus		4 (00()	1 (2%)	1 (2%)	
Mineralization		1 (2%)	1 (2%)	1 (2%)	
RESPIRATORY SYSTEM					
Lung	(50)	(50)	(50)	(50)	
Hemorrhage		2 (4%)			
Inflammation	1 (2%)	2 (4%)	4 (8%)	3 (6%)	
Metaplasia, Squamous	40 (000)	1 (2%)	1 (2%)	40 (000)	
Alveolar Epithelium, Hyperplasia	10 (20%)	12 (24%)	10 (20%)	16 (32%)	
Alveolus, Infiltration Cellular, Histiocyte Artery, Thrombosis	27 (54%)	33 (66%) 1 (2%)	31 (62%)	31 (62%)	
Vein, Hemorrhage		1 (2/0)	1 (2%)		
Vein, Inflammation			1 (270)	1 (2%)	
Nose	(50)	(50)	(50)	(50)	
Glands, Hyperplasia	(/	()	1 (2%)	` '	
Lateral Wall, Inflammation	6 (12%)	4 (8%)	7 (14%)	11 (22%)	
Nasolacrimal Duct, Inflammation	2 (4%)	4 (8%)	4 (8%)	5 (10%)	
Nasopharyngeal Duct, Inflammation	1 (2%)	2 (4%)	1 (2%)	1 (2%)	
Nasopharyngeal Duct, Ulcer	4 (00/)	1 (2%)	4 (20()		
Olfactory Epithelium, Metaplasia	1 (2%)	20 (40%)	1 (2%)	24 (499/)	
Respiratory Epithelium, Hyperplasia	19 (38%)	20 (40%)	25 (50%)	24 (48%)	

TDMS No. 88123 - 05

Test Type: CHRONIC

Species/Strain: RATS/F 344

a - Number of animals examined microscopically at site and number of animals with lesion

FORMAMIDE

CAS Number: 75-12-7

Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
Septum, Inflammation Turbinate, Inflammation Trachea	15 (30%) 11 (22%) (50)	11 (22%) 4 (8%) (50)	18 (36%) 18 (36%) (50)	17 (34%) 16 (32%) (50)	
Inflammation	3 (6%)	1 (2%)	4 (8%)	2 (4%)	
SPECIAL SENSES SYSTEM					
Eye	(50)	(50)	(50)	(50)	
Choroid, Hyperplasia Ciliary Body, Iris, Inflammation		1 (2%) 1 (2%)	1 (2%)		
Cornea, Inflammation		1 (2%)	1 (2%)		
Lens, Degeneration	1 (2%)	2 (4%)		5 (10%)	
Retina, Atrophy Retina, Degeneration	2 (4%) 2 (4%)	3 (6%)	1 (2%)	3 (6%) 4 (8%)	
Retina, Necrosis	1 (2%)		1 (270)	4 (0 /0)	
Sclera, Mineralization	27 (54%)	30 (60%)	26 (52%)	22 (44%)	
Harderian Gland	(50)	(50)	(50)	(50)	
Hyperplasia Infiltration Cellular, Lymphoid	1 (2%)	1 (2%)	2 (4%)		
Infiltration Cellular, Mononuclear Cell	3 (6%)				
Inflammation	9 (18%)	8 (16%)	4 (8%)	10 (20%)	
Zymbal's Gland	(0)	(0)	(1)	(1)	
URINARY SYSTEM					
Kidney	(50)	(50)	(50)	(50)	
Accumulation, Hyaline Droplet	2 (4%)	1 (2%)	3 (6%)	1 (2%)	
Cyst Mineralization	1 (2%) 37 (74%)	1 (2%) 43 (86%)	1 (2%) 43 (86%)	44 (88%)	
Necrosis	37 (74%)	1 (2%)	43 (60%)	44 (86%)	
Nephropathy	49 (98%)	48 (96%)	50 (100%)	47 (94%)	
Pigmentation	8 (16%)	7 (14%)	3 (6%)	4 (8%)	
Renal Tubule, Degeneration Transitional Epithelium, Hyperplasia	1 (2%)	1 (2%)	1 (2%)		
Urinary Bladder	(50)	(50)	(50)	(50)	
Hemorrhage	(00)	1 (2%)	1 (2%)	(55)	
Inflammation		1 (2%)	1 (2%)		
Ulcer Transitional Epithelium, Hyperplasia		1 (2%)	1 (2%)		
rransidonai Epidiellum, Hyperpiasia			I (∠70)		

TDMS No. 88123 - 05

Test Type: CHRONIC

Species/Strain: RATS/F 344

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 88123 - 05 Test Type: CHRONIC

Route: GAVAGE Species/Strain: RATS/F 344 P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

FORMAMIDE

CAS Number: 75-12-7

Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

Lab: BAT

FISCHER 344 RATS MALE

0 MG/KG

20 MG/KG

40 MG/KG

80 MG/KG

*** END OF MALE ***

FORMAMIDE

CAS Number: 75-12-7

Species/Strain: RATS/F 344 Pathologist: SELLS, D. - KURTZ, F.

TDMS No. 88123 - 05

Test Type: CHRONIC

Route: GAVAGE

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

FISCHER 344 RATS FEMALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
Disposition Summary					
Animals Initially in Study	50	50	50	50	
Early Deaths					
Moribund Sacrifice	10	16	14	14	
Natural Death	2	4	2	4	
Survivors		4			
Natural Death Terminal Sacrifice	38	1 29	34	32	
Animals Examined Microscopically	50	50	50	50	
7 miniato Examinos iniciocoopisany				33	
LIMENTARY SYSTEM					
Esophagus	(50)	(50)	(50)	(50)	
Intestine Large, Cecum	(50)	(49)	(50)	(50)	
Erosion		1 (2%)			
Inflammation		(==)	1 (2%)	1 (2%)	
Intestine Large, Colon	(50)	(50)	(50)	(50)	
Parasite Metazoan	(50)	(50)	(50)	1 (2%)	
Intestine Large, Rectum Parasite Metazoan	(50) 4 (8%)	7 (14%)	(50) 7 (14%)	(50) 3 (6%)	
Intestine Small, Ileum	(50)	(50)	(50)	(49)	
Liver	(50)	(50)	(50)	(50)	
Angiectasis	4 (8%)	1 (2%)	4 (8%)	2 (4%)	
Basophilic Focus	44 (88%)	46 (92%)	47 (94%)	45 (90%)	
Clear Cell Focus	7 (14%)	6 (12%) [′]	5 (10%)	5 (10%)	
Degeneration, Cystic				1 (2%)	
Eosinophilic Focus	10 (20%)	8 (16%)	11 (22%)	14 (28%)	
Fatty Change, Focal	12 (24%)	8 (16%)	10 (20%)	8 (16%)	
Fatty Change, Diffuse Hematopoietic Cell Proliferation	7 (14%) 4 (8%)	5 (10%) 3 (6%)	7 (14%) 6 (12%)	4 (8%) 2 (4%)	
Hepatodiaphragmatic Nodule	4 (8%) 3 (6%)	3 (6%) 7 (14%)	6 (12%) 3 (6%)	2 (4%) 5 (10%)	
Inflammation	39 (78%)	45 (90%)	46 (92%)	41 (82%)	
Mixed Cell Focus	19 (38%)	12 (24%)	15 (30%)	18 (36%)	
Necrosis	3 (6%)	1 (2%)	.5 (5575)	4 (8%)	
Regeneration	- ()	(/		1 (2%)	
Vacuolization Cytoplasmic, Focal		3 (6%)	3 (6%)	2 (4%)	
Vacuolization Cytoplasmic, Diffuse			2 (4%)	1 (2%)	
Bile Duct, Cyst		1 (2%)	2 (4%)		

a - Number of animals examined microscopically at site and number of animals with lesion

FORMAMIDE

CAS Number: 75-12-7

Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
Bile Duct, Hyperplasia	27 (54%)	28 (56%)	15 (30%)	16 (32%)	
Centrilobular, Degeneration	8 (16%)	7 (14%)	6 (12%)	5 (10%)	
Oval Cell, Hyperplasia	13 (26%)	22 (44%)	16 (32%)	17 (34%)	
Serosa, Inflammation		1 (2%)			
Mesentery	(18)	(16)	(12)	(9)	
Fat, Necrosis	17 (94%)	16 (100%)	12 (100%)	9 (100%)	
Oral Mucosa	(15)	(9)	(12)	(7)	
Gingival, Hyperplasia, Squamous	14 (93%)	9 (100%)	12 (100%)	7 (100%)	
Pancreas	(50)	(50)	(50)	(50)	
Basophilic Focus	1 (2%)	1 (2%)	, ,	, ,	
Infiltration Cellular, Mononuclear Cell	9 (Ì8%́)	1 (2%)	6 (12%)	6 (12%)	
Inflammation, Chronic Active	8 (16%)	12 (24%)	16 (32%)	14 (28%)	
Vacuolization Cytoplasmic	,	1 (2%)	,	,	
Acinus, Atrophy	7 (14%)	9 (18%)	10 (20%)	14 (28%)	
Acinus, Hyperplasia	1 (2%)		- ()	(/	
Artery, Inflammation, Chronic Active	(,		1 (2%)		
Duct, Cyst	3 (6%)	3 (6%)	5 (10%)	1 (2%)	
Salivary Glands	(50)	(50)	(50)	(50)	
Atrophy	(33)	(33)	1 (2%)	(00)	
Inflammation		1 (2%)	1 (2%)		
Necrosis		. (278)	. (270)	1 (2%)	
Stomach, Forestomach	(50)	(50)	(50)	(50)	
Edema	(00)	2 (4%)	(00)	(66)	
Erosion		2 (170)	1 (2%)		
Hyperplasia, Squamous		1 (2%)	1 (2%)		
Inflammation	1 (2%)	2 (4%)	3 (6%)		
Mineralization	1 (270)	2 (770)	3 (070)	1 (2%)	
Ulcer	1 (2%)	1 (2%)	2 (4%)	1 (2/0)	
Stomach, Glandular	(50)	(50)	(50)	(50)	
Amyloid Deposition	(30)	(30)	(30)	1 (2%)	
Mineralization			1 (2%)	1 (2%)	
Glands, Cyst	2 (4%)	1 (2%)	I (Z/0)	1 (2/0)	
Tongue	(0)	(0)	(1)	(0)	
Hyperplasia, Squamous	(0)	(0)	1 (100%)	(0)	
Tooth	(19)	(11)	(11)	(14)	
Peridontal Tissue, Inflammation	19 (100%)	11 (100%)	11 (100%)	(14) 14 (100%)	
rendoniai HSSUE, IIIIlailiillailoii	19 (100%)	11 (100%)	11 (100%)	14 (100%)	
RDIOVASCULAR SYSTEM					
Blood Vessel	(50)	(50)	(50)	(50)	

TDMS No. 88123 - 05

Test Type: CHRONIC

Species/Strain: RATS/F 344

a - Number of animals examined microscopically at site and number of animals with lesion

FORMAMIDE

CAS Number: 75-12-7

Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
Aorta, Inflammation, Focal		1 (2%)			
Heart	(50)	(50)	(50)	(50)	
Angiectasis		1 (2%)			
Cardiomyopathy	44 (88%)	47 (94%)	40 (80%)	37 (74%)	
Degeneration				1 (2%)	
Inflammation	1 (2%)	1 (2%)	2 (4%)		
Thrombosis	1 (2%)				
NDOCRINE SYSTEM					
Adrenal Cortex	(50)	(50)	(50)	(50)	
Angiectasis	39 (78%)	38 (76%)	38 (76%)	43 (86%)	
Degeneration, Cystic	5 (10%)	7 (14%)	5 (10%)	10 (20%)	
Hyperplasia	20 (40%)	22 (44%)	8 (16%)	15 (30%)	
Hypertrophy	11 (22%)	10 (20%)	11 (22%)	13 (26%)	
Infiltration Cellular, Mononuclear Cell	2 (4%)	, ,	, ,	, ,	
Necrosis	, ,			1 (2%)	
Vacuolization Cytoplasmic	30 (60%)	16 (32%)	23 (46%)	19 (38%)	
Adrenal Medulla	(50)	(50)	(50)	(50)	
Hyperplasia	3 (6%)	2 (4%)	4 (8%)	1 (2%)	
Infiltration Cellular, Mononuclear Cell	3 (6%)		1 (2%)		
Necrosis				1 (2%)	
Islets, Pancreatic	(50)	(50)	(50)	(50)	
Parathyroid Gland	(46)	(47)	(46)	(47)	
Pituitary Gland	(50)	(50)	(50)	(50)	
Angiectasis	36 (72%)	25 (50%)	23 (46%)	24 (48%)	
Cyst	9 (18%)	10 (20%)	12 (24%)	5 (10%)	
Cytoplasmic Alteration				1 (2%)	
Hemorrhage		1 (2%)			
Pars Distalis, Cyst	1 (2%)			1 (2%)	
Pars Distalis, Hyperplasia	24 (48%)	21 (42%)	26 (52%)	25 (50%)	
Pars Nervosa, Cyst				1 (2%)	
Thyroid Gland	(50)	(50)	(50)	(50)	
C-cell, Hyperplasia	24 (48%)	24 (48%)	34 (68%)	27 (54%)	
Follicle, Cyst	1 (2%)				
Follicular Cell, Hyperplasia	2 (4%)				

GENERAL BODY SYSTEM

TDMS No. 88123 - 05

Test Type: CHRONIC

Species/Strain: RATS/F 344

Route: GAVAGE

None

a - Number of animals examined microscopically at site and number of animals with lesion

FORMAMIDE

CAS Number: 75-12-7

Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
GENITAL SYSTEM					
Clitoral Gland Cyst Hyperplasia Inflammation Duct, Cyst Ovary Congestion Cyst Necrosis Uterus Adenomyosis Cyst Decidual Reaction Hemorrhage Inflammation Endometrium, Hyperplasia, Cystic Vagina Inflammation	(50) 1 (2%) 5 (10%) 36 (72%) 11 (22%) (50) 9 (18%) (50) 1 (2%) 1 (2%) 8 (16%) (0)	(50) 7 (14%) 39 (78%) 14 (28%) (50) (50) 1 (2%) 1 (2%) 7 (14%) (2) 1 (50%)	(50) 6 (12%) 43 (86%) 23 (46%) (50) 9 (18%) 1 (2%) (50) 1 (2%) 1 (2%) 1 (2%) 4 (8%) 6 (12%) (0)	(49) 1 (2%) 8 (16%) 37 (76%) 16 (33%) (50) 1 (2%) 5 (10%) (50) 2 (4%)	
HEMATOPOIETIC SYSTEM					
Bone Marrow Atrophy Hyperplasia Hyperplasia, Histiocytic Inflammation, Granulomatous	(50) 1 (2%) 14 (28%) 1 (2%) 1 (2%)	(50) 2 (4%) 16 (32%)	(50) 1 (2%) 18 (36%)	(50) 1 (2%) 13 (26%)	
Myelofibrosis Lymph Node Ectasia Hyperplasia, Lymphoid Deep Cervical, Ectasia Deep Cervical, Hyperplasia, Plasma Cell	1 (2%) (6) 1 (17%) 1 (17%)	1 (2%) (5) 2 (40%) 1 (20%)	(3) 1 (33%)	1 (2%) (2)	
Mediastinal, Ectasia Mediastinal, Hyperplasia, Lymphoid Mediastinal, Inflammation Lymph Node, Mandibular Ectasia	1 (17%) (1) 1 (100%)	1 (20%)	1 (33%) (1)	(1) 1 (100%)	

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 88123 - 05

Test Type: CHRONIC

Species/Strain: RATS/F 344

FORMAMIDE

CAS Number: 75-12-7

Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
Lymph Node, Mesenteric Ectasia Hyperplasia, Histiocytic	(50) 2 (4%)	(50) 1 (2%)	(50) 4 (8%) 1 (2%)	(50)	
Hyperplasia, Lymphoid Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid, Focal	1 (2%) (50) 40 (80%)	1 (2%) (50) 32 (64%)	(50) 40 (80%) 1 (2%)	(50) 40 (80%)	
Pigmentation Capsule, Thrombosis Thymus	39 (78%) (48)	39 (78%) (47)	41 (82%)	38 (76%) 1 (2%) (46)	
Átrophy Pigmentation	45 (94%)	44 (94%) 1 (2%)	43 (91%)	45 (98%)	
INTEGUMENTARY SYSTEM					
Mammary Gland Cyst Hyperplasia Hyperplasia, Atypical	(50) 24 (48%) 15 (30%)	(50) 19 (38%) 7 (14%) 1 (2%)	(50) 20 (40%) 7 (14%)	(50) 6 (12%) 7 (14%)	
Skin Hyperplasia, Squamous Inflammation Ulcer	(50) 1 (2%)	(50) 1 (2%) 1 (2%) 1 (2%)	(50) 1 (2%)	(50)	
MUSCULOSKELETAL SYSTEM					
Bone Osteopetrosis Skeletal Muscle Cyst	(50) 1 (2%) (1)	(50) 1 (2%) (0)	(50) (1) 1 (100%)	(50) (0)	
NERVOUS SYSTEM					
Brain Gliosis	(50)	(50)	(50) 2 (4%)	(50)	
Hemorrhage Mineralization	1 (2%)	2 (4%)	1 (2%)	1 (2%)	

TDMS No. 88123 - 05 Test Type: CHRONIC

Species/Strain: RATS/F 344

a - Number of animals examined microscopically at site and number of animals with lesion

FORMAMIDE

CAS Number: 75-12-7

Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	
RESPIRATORY SYSTEM					
Lung	(50)	(50)	(50)	(50)	
Inflammation	5 (10%)	2 (4%)	5 (10%)	8 (16%)	
Metaplasia, Squamous	1 (2%)		1 (2%)		
Alveolar Epithelium, Hyperplasia	12 (24%)	6 (12%)	15 (30%)	6 (12%)	
Alveolus, Infiltration Cellular, Histiocyte	45 (90%)	43 (86%)	46 (92%)	43 (86%)	
Serosa, Fibrosis			1 (2%)		
Nose	(50)	(50)	(50)	(50)	
Glands, Cyst	1 (2%)		- 4		
Lateral Wall, Inflammation	4 (8%)	5 (10%)	3 (6%)	2 (4%)	
Nasolacrimal Duct, Inflammation	6 (12%)	6 (12%)	5 (10%)	2 (4%)	
Nasopharyngeal Duct, Inflammation		3 (6%)	4 (00()		
Nerve, Degeneration			1 (2%)	2 (40/)	
Olfactory Epithelium, Metaplasia	27 (740/)	24 (020()	1 (2%)	2 (4%)	
Respiratory Epithelium, Hyperplasia Septum, Inflammation	37 (74%) 10 (20%)	31 (62%) 9 (18%)	25 (50%) 12 (24%)	22 (44%)	
Turbinate, Inflammation	20 (40%)	11 (22%)	12 (24%)	6 (12%) 9 (18%)	
Trachea	(50)	(50)	(50)	(50)	
Inflammation	7 (14%)	6 (12%)	3 (6%)	7 (14%)	
PECIAL SENSES SYSTEM					
Eye	(50)	(50)	(50)	(50)	
Atrophy		1 (2%)			
Inflammation		1 (2%)		4 (00()	
Anterior Chamber, Ciliary Body Iris, Inflammation				1 (2%)	
Cornea, Inflammation			2 (4%)	1 (2%)	
Iris, Inflammation			1 (2%)	1 (270)	
Lens, Degeneration		2 (4%)	1 (2%)	3 (6%)	
Retina, Atrophy		1 (2%)	1 (2%)	2 (4%)	
Retina, Degeneration		1 (2%)	1 (2%)	2 (470)	
Sclera, Mineralization	5 (10%)	2 (4%)	1 (270)		
Harderian Gland	(50)	(50)	(50)	(50)	
Degeneration	(00)	1 (2%)	(55)	(55)	
Infiltration Cellular, Mononuclear Cell		1 (2%)		1 (2%)	
Inflammation	13 (26%)	11 (22%)	17 (34%)	17 (34%)	
Zymbal's Gland	(0)	(0)	(0)	(1)	

TDMS No. 88123 - 05 Test Type: CHRONIC

Species/Strain: RATS/F 344

a - Number of animals examined microscopically at site and number of animals with lesion

FORMAMIDE

CAS Number: 75-12-7

Species/Strain: RATS/F 344 **Pathologist:** SELLS, D. - KURTZ, F.

TDMS No. 88123 - 05

Test Type: CHRONIC

Route: GAVAGE

Date Report Reqsted: 12/05/2005 Time Report Reqsted: 14:23:30 First Dose M/F: 03/21/01 / 03/20/01

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
URINARY SYSTEM				
Kidney	(50)	(50)	(50)	(50)
Accumulation, Hyaline Droplet	1 (2%)			
Cyst			1 (2%)	
Infarct	3 (6%)		,	2 (4%)
Infiltration Cellular, Mononuclear Cell	` ,	1 (2%)		, ,
Inflammation	2 (4%)	` '		
Mineralization	43 (86%)	42 (84%)	36 (72%)	43 (86%)
Nephropathy	44 (88%)	45 (90%)	46 (92%)	45 (90%)
Pigmentation	3 (6%)	6 (12%) [′]	2 (4%)	2 (4%)
Pelvis, Inflammation, Suppurative	- ()	- (,	1 (2%)	(/
Transitional Epithelium, Hyperplasia	4 (8%)		1 (2%)	1 (2%)
Urinary Bladder	(50)	(50)	(50)	(50)
Infiltration Cellular, Mononuclear Cell	()	()	1 (2%)	1 (2%)
Inflammation	1 (2%)	1 (2%)	(=73)	. (= /0)

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion