

TDMs No. 20114 - 06

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Date Report Reqsted: 10/04/2007

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Reqsted: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

F2_M3

C Number: C20114
Lock Date: 10/04/2005
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.8.0

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L
Disposition Summary					
Animals Initially in Study	50	50	50	50	50
Early Deaths					
Moribund Sacrifice	7	5	5	4	3
Natural Death	10	10	10	8	15
Survivors					
Natural Death	1				1
Terminal Sacrifice	32	35	35	38	31
Animals Examined Microscopically	50	50	50	50	50
ALIMENTARY SYSTEM					
Esophagus	(50)	(50)	(50)	(50)	(50)
Squamous Cell Papilloma					1 (2%)
Gallbladder	(47)	(45)	(44)	(44)	(39)
Sarcoma, Metastatic, Uncertain Primary Site				1 (2%)	
Intestine Large, Cecum	(42)	(44)	(47)	(46)	(39)
Carcinoma	1 (2%)		1 (2%)		
Intestine Large, Colon	(44)	(45)	(47)	(46)	(40)
Carcinoma					1 (3%)
Intestine Large, Rectum	(42)	(47)	(47)	(46)	(42)
Intestine Small, Duodenum	(39)	(43)	(45)	(48)	(40)
Adenoma	1 (3%)		1 (2%)	5 (10%)	9 (23%)
Adenoma, Multiple					6 (15%)
Carcinoma				2 (4%)	3 (8%)
Hemangiosarcoma, Metastatic, Liver					1 (3%)
Hepatoblastoma, Metastatic, Liver	1 (3%)				
Sarcoma, Metastatic, Mesentery				1 (2%)	
Intestine Small, Ileum	(40)	(42)	(44)	(45)	(38)
Adenoma		1 (2%)			
Carcinoma			1 (2%)		
Intestine Small, Jejunum	(41)	(42)	(42)	(46)	(38)
Adenoma					3 (8%)
Carcinoma		1 (2%)		1 (2%)	2 (5%)
Carcinoma, Multiple		1 (2%)			
Sarcoma, Metastatic, Mesentery				1 (2%)	

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

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L
Liver	(50)	(50)	(50)	(50)	(50)
Hemangioma				1 (2%)	
Hemangiosarcoma	1 (2%)	1 (2%)	5 (10%)	2 (4%)	3 (6%)
Hemangiosarcoma, Multiple					1 (2%)
Hepatoblastoma	14 (28%)	7 (14%)	10 (20%)	2 (4%)	
Hepatoblastoma, Multiple	3 (6%)	1 (2%)	1 (2%)		
Hepatocellular Adenoma	11 (22%)	12 (24%)	10 (20%)	12 (24%)	18 (36%)
Hepatocellular Adenoma, Multiple	25 (50%)	21 (42%)	18 (36%)	19 (38%)	10 (20%)
Hepatocellular Carcinoma	10 (20%)	14 (28%)	8 (16%)	12 (24%)	14 (28%)
Hepatocellular Carcinoma, Multiple	4 (8%)	10 (20%)	9 (18%)		4 (8%)
Hepatocholangiocarcinoma					1 (2%)
Ito Cell Tumor Malignant				2 (4%)	1 (2%)
Sarcoma, Metastatic, Mesentery				1 (2%)	
Sarcoma, Metastatic, Uncertain Primary Site				1 (2%)	
Mesentery	(16)	(10)	(9)	(16)	(5)
Carcinoma, Metastatic, Intestine Large, Cecum	1 (6%)				
Fibrosarcoma				1 (6%)	
Fibrosarcoma, Metastatic, Lung	1 (6%)				
Hemangiosarcoma				2 (13%)	
Hepatoblastoma, Metastatic, Liver	2 (13%)	2 (20%)			
Sarcoma				1 (6%)	
Sarcoma, Metastatic, Uncertain Primary Site				1 (6%)	
Oral Mucosa	(50)	(50)	(50)	(50)	(50)
Pancreas	(49)	(49)	(50)	(49)	(48)
Fibrosarcoma, Metastatic, Lung	1 (2%)				
Hepatoblastoma, Metastatic, Liver	2 (4%)	1 (2%)			
Sarcoma, Metastatic, Mesentery				1 (2%)	
Salivary Glands	(49)	(50)	(49)	(50)	(50)
Basal Cell Carcinoma, Metastatic, Skin	1 (2%)				
Stomach, Forestomach	(50)	(50)	(48)	(50)	(48)
Carcinoma, Metastatic, Intestine Large, Cecum	1 (2%)				
Sarcoma, Metastatic, Uncertain Primary Site				1 (2%)	
Squamous Cell Carcinoma				1 (2%)	
Squamous Cell Papilloma				2 (4%)	
Stomach, Glandular	(50)	(48)	(48)	(50)	(47)

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

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L
Hepatoblastoma, Metastatic, Liver	1 (2%)				
Sarcoma, Metastatic, Mesentery				1 (2%)	
Sarcoma, Metastatic, Uncertain Primary Site				1 (2%)	
Tongue	(50)	(50)	(50)	(50)	(50)
Tooth	(1)	(3)	(0)	(2)	(0)
CARDIOVASCULAR SYSTEM					
Blood Vessel	(2)	(1)	(1)	(1)	(1)
Aorta, Fibrosarcoma, Metastatic, Lung	1 (50%)				
Heart	(50)	(50)	(50)	(50)	(50)
Fibrosarcoma, Metastatic, Lung	1 (2%)				
Hemangiosarcoma			1 (2%)		1 (2%)
Osteosarcoma, Metastatic, Bone	1 (2%)				
Sarcoma, Metastatic, Uncertain Primary Site				1 (2%)	
ENDOCRINE SYSTEM					
Adrenal Cortex	(49)	(49)	(50)	(50)	(50)
Adenoma			1 (2%)		1 (2%)
Hepatoblastoma, Metastatic, Liver	2 (4%)				
Hepatocellular Carcinoma, Metastatic, Liver					1 (2%)
Sarcoma, Metastatic, Mesentery				1 (2%)	
Capsule, Adenoma	7 (14%)	5 (10%)	4 (8%)	6 (12%)	1 (2%)
Adrenal Medulla	(49)	(48)	(50)	(50)	(50)
Pheochromocytoma Benign				1 (2%)	1 (2%)
Islets, Pancreatic	(49)	(49)	(50)	(50)	(49)
Adenoma	3 (6%)	1 (2%)	1 (2%)		
Parathyroid Gland	(46)	(47)	(45)	(49)	(47)
Pituitary Gland	(49)	(49)	(48)	(50)	(47)
Thyroid Gland	(50)	(50)	(50)	(50)	(50)
Basal Cell Carcinoma, Metastatic, Skin	1 (2%)				
Follicular Cell, Adenoma	1 (2%)	1 (2%)	1 (2%)	1 (2%)	
Follicular Cell, Carcinoma		1 (2%)	1 (2%)		

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

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Epididymis	(50)	(50)	(50)	(50)	(50)
Hepatoblastoma, Metastatic, Liver		1 (2%)			
Sarcoma, Metastatic, Mesentery				1 (2%)	
Preputial Gland	(50)	(50)	(50)	(50)	(50)
Prostate	(50)	(49)	(50)	(50)	(50)
Seminal Vesicle	(50)	(50)	(50)	(50)	(50)
Hepatoblastoma, Metastatic, Liver	1 (2%)				
Sarcoma, Metastatic, Mesentery				1 (2%)	
Testes	(50)	(50)	(50)	(50)	(50)
HEMATOPOIETIC SYSTEM					
Bone Marrow	(49)	(50)	(50)	(50)	(50)
Hemangiosarcoma	1 (2%)		1 (2%)		1 (2%)
Lymph Node	(8)	(4)	(6)	(6)	(5)
Bronchial, Hepatoblastoma, Metastatic, Liver			1 (17%)		
Bronchial, Hepatocellular Carcinoma, Metastatic, Liver			1 (17%)		
Bronchial, Hepatocholangiocarcinoma, Metastatic, Liver					1 (20%)
Iliac, Hemangiosarcoma, Metastatic, Skin				1 (17%)	
Mediastinal, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung			1 (17%)		
Mediastinal, Hepatocholangiocarcinoma, Metastatic, Liver					1 (20%)
Mediastinal, Sarcoma, Metastatic, Uncertain Primary Site				1 (17%)	
Renal, Hepatoblastoma, Metastatic, Liver	1 (13%)				
Lymph Node, Mandibular Hemangiosarcoma	(47)	(49)	(49)	(48)	(46) 1 (2%)
Hemangiosarcoma, Metastatic, Spleen				1 (2%)	
Lymph Node, Mesenteric	(47)	(47)	(49)	(49)	(46)

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

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L
Carcinoma, Metastatic, Intestine Large, Colon			1 (2%)		
Hemangioma				1 (2%)	
Hemangiosarcoma				1 (2%)	
Hepatoblastoma, Metastatic, Liver	1 (2%)				
Sarcoma, Metastatic, Mesentery				1 (2%)	
Lymph Node, Pancreatic	(5)	(13)	(10)	(8)	(16)
Hepatoblastoma, Metastatic, Liver			1 (10%)		
Spleen	(49)	(48)	(49)	(49)	(46)
Hemangiosarcoma	2 (4%)	1 (2%)	2 (4%)	2 (4%)	2 (4%)
Thymus	(49)	(50)	(46)	(49)	(40)
Hepatoblastoma, Metastatic, Liver	1 (2%)				
Osteosarcoma, Metastatic, Bone	1 (2%)				
INTEGUMENTARY SYSTEM					
Skin	(50)	(50)	(50)	(50)	(50)
Basal Cell Carcinoma	1 (2%)				
Hemangioma		1 (2%)			
Subcutaneous Tissue, Fibrosarcoma			1 (2%)		
Subcutaneous Tissue, Hemangiosarcoma			1 (2%)	1 (2%)	1 (2%)
MUSCULOSKELETAL SYSTEM					
Bone	(50)	(50)	(50)	(50)	(50)
Osteosarcoma	1 (2%)				
Skeletal Muscle	(4)	(2)	(4)	(1)	(0)
Hepatoblastoma, Metastatic, Liver		1 (50%)			
Hepatocellular Carcinoma, Metastatic, Liver			1 (25%)		
Osteosarcoma, Metastatic, Bone	1 (25%)				
Sarcoma, Metastatic, Mesentery				1 (100%)	
NERVOUS SYSTEM					
Brain	(50)	(50)	(50)	(50)	(50)
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung	1 (2%)				

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

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L
RESPIRATORY SYSTEM					
Lung	(50)	(50)	(50)	(50)	(50)
Alveolar/Bronchiolar Adenoma	13 (26%)	8 (16%)	8 (16%)	6 (12%)	9 (18%)
Alveolar/Bronchiolar Adenoma, Multiple	2 (4%)	1 (2%)	1 (2%)	2 (4%)	2 (4%)
Alveolar/Bronchiolar Carcinoma	2 (4%)	5 (10%)	10 (20%)	6 (12%)	5 (10%)
Alveolar/Bronchiolar Carcinoma, Multiple	1 (2%)		1 (2%)		
Basal Cell Carcinoma, Metastatic, Skin	1 (2%)				
Carcinoma, Metastatic, Harderian Gland		1 (2%)			
Carcinoma, Metastatic, Thyroid Gland			1 (2%)		
Fibrosarcoma	1 (2%)				
Hemangiosarcoma			1 (2%)		
Hepatoblastoma, Metastatic, Liver	7 (14%)	3 (6%)	2 (4%)		
Hepatocellular Carcinoma, Metastatic, Liver	4 (8%)	7 (14%)	2 (4%)	4 (8%)	7 (14%)
Hepatocholangiocarcinoma, Metastatic, Liver					1 (2%)
Sarcoma, Metastatic, Mesentery				1 (2%)	
Sarcoma, Metastatic, Uncertain Primary Site				1 (2%)	
Mediastinum, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung		1 (2%)			
Mediastinum, Osteosarcoma, Metastatic, Bone	1 (2%)				
Nose	(50)	(50)	(50)	(50)	(50)
SPECIAL SENSES SYSTEM					
Eye	(48)	(49)	(49)	(50)	(47)
Harderian Gland	(50)	(50)	(49)	(50)	(50)
Adenoma	6 (12%)	3 (6%)	4 (8%)	3 (6%)	2 (4%)
Basal Cell Carcinoma, Metastatic, Skin	1 (2%)				
Carcinoma		1 (2%)			
URINARY SYSTEM					
Kidney	(50)	(50)	(50)	(50)	(49)
Sarcoma, Metastatic, Mesentery				1 (2%)	

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

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L
Renal Tubule, Adenoma				1 (2%)	
Renal Tubule, Carcinoma		1 (2%)	1 (2%)		
Urethra	(1)	(1)	(0)	(1)	(0)
Urinary Bladder	(49)	(50)	(50)	(49)	(46)
SYSTEMIC LESIONS					
Multiple Organs	*(50)	*(50)	*(50)	*(50)	*(50)
Histiocytic Sarcoma		1 (2%)			1 (2%)
Lymphoma Malignant	2 (4%)				2 (4%)
Mesothelioma Malignant	2 (4%)				

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

* Number of animals with any tissue examined microscopically

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	14.3 MG/L	28.6 MG/L	85.7 MG/L	257.4 MG/L
------------------	--------	-----------	-----------	-----------	------------

Tumor Summary for Males

Total Animals with Primary Neoplasms (b)	49	45	47	44	48
Total Primary Neoplasms	115	99	104	96	107
Total Animals with Benign Neoplasms	42	37	33	42	37
Total Benign Neoplasms	69	54	49	60	63
Total Animals with Malignant Neoplasms	31	29	36	27	29
Total Malignant Neoplasms	46	45	55	36	44
Total Animals with Metastatic Neoplasms	15	11	9	8	10
Total Metastatic Neoplasms	38	17	11	26	13
Total Animals with Malignant Neoplasms Uncertain Primary Site				1	
Total Animals with Neoplasms Uncertain-Benign or Malignant					
Total Uncertain Neoplasms					

*** END OF MALE ***

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

b - Primary tumors: all tumors except metastatic tumors

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L
Disposition Summary					
Animals Initially in Study	50	50	50	50	50
Early Deaths					
Moribund Sacrifice	5		2	2	3
Natural Death	8	11	3	6	5
Survivors					
Natural Death	2	1	1	2	
Terminal Sacrifice	35	38	44	40	42
Animals Examined Microscopically	50	50	50	50	50
ALIMENTARY SYSTEM					
Gallbladder	(44)	(47)	(48)	(45)	(50)
Sarcoma, Metastatic, Mesentery		1 (2%)			
Intestine Large, Colon	(43)	(43)	(48)	(45)	(48)
Intestine Small, Duodenum	(42)	(42)	(48)	(42)	(48)
Adenoma			2 (4%)	12 (29%)	6 (13%)
Adenoma, Multiple				1 (2%)	6 (13%)
Carcinoma				1 (2%)	6 (13%)
Intestine Small, Ileum	(42)	(43)	(47)	(44)	(47)
Intestine Small, Jejunum	(41)	(42)	(48)	(44)	(48)
Adenoma		1 (2%)		2 (5%)	4 (8%)
Adenoma, Multiple					1 (2%)
Carcinoma	1 (2%)		2 (4%)	2 (5%)	1 (2%)
Sarcoma, Metastatic, Mesentery		1 (2%)			
Liver	(49)	(50)	(50)	(50)	(50)
Hemangioma	1 (2%)				
Hemangiosarcoma	1 (2%)	3 (6%)			
Hepatocellular Adenoma	6 (12%)	11 (22%)	10 (20%)	5 (10%)	3 (6%)
Hepatocellular Adenoma, Multiple	8 (16%)	10 (20%)	3 (6%)	1 (2%)	
Hepatocellular Carcinoma	7 (14%)	9 (18%)	7 (14%)	6 (12%)	6 (12%)
Hepatocellular Carcinoma, Multiple	1 (2%)	1 (2%)			1 (2%)
Mesentery	(20)	(23)	(23)	(23)	(9)
Carcinoma, Metastatic, Harderian Gland			1 (4%)		
Fibrosarcoma	3 (15%)				
Fibrosarcoma, Metastatic, Skin			1 (4%)		1 (11%)
Granulosa-Theca Tumor Malignant,		1 (4%)			

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

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L
Metastatic, Ovary					
Hemangiosarcoma, Metastatic, Spleen	1 (5%)				
Liposarcoma, Metastatic, Skin		1 (4%)			
Sarcoma		2 (9%)	2 (9%)		
Sarcoma, Metastatic, Skin				1 (4%)	
Pancreas	(48)	(50)	(49)	(50)	(50)
Fibrosarcoma, Metastatic, Skin			1 (2%)		
Hepatocellular Carcinoma, Metastatic, Liver		1 (2%)			
Sarcoma, Metastatic, Mesentery		1 (2%)			
Salivary Glands	(50)	(50)	(50)	(48)	(49)
Fibrosarcoma, Metastatic, Skin		1 (2%)			
Stomach, Forestomach	(49)	(49)	(50)	(48)	(50)
Squamous Cell Papilloma	1 (2%)	2 (4%)			3 (6%)
Stomach, Glandular	(49)	(48)	(50)	(48)	(50)
Sarcoma, Metastatic, Mesentery		1 (2%)			
Tongue	(50)	(50)	(49)	(48)	(50)
CARDIOVASCULAR SYSTEM					
Heart	(50)	(50)	(50)	(50)	(50)
Granulosa-Theca Tumor Malignant, Metastatic, Ovary		1 (2%)			
Sarcoma, Metastatic, Mesentery		1 (2%)			
ENDOCRINE SYSTEM					
Adrenal Cortex	(49)	(50)	(50)	(50)	(50)
Sarcoma, Metastatic, Mesentery		1 (2%)			
Capsule, Adenoma			1 (2%)		
Capsule, Carcinoma					1 (2%)
Adrenal Medulla	(49)	(50)	(50)	(50)	(50)
Pheochromocytoma Benign		1 (2%)	2 (4%)	1 (2%)	
Islets, Pancreatic	(49)	(50)	(50)	(50)	(50)
Adenoma	1 (2%)				
Carcinoma			1 (2%)		
Parathyroid Gland	(48)	(49)	(50)	(44)	(49)
Pituitary Gland	(48)	(48)	(48)	(48)	(49)
Pars Distalis, Adenoma	3 (6%)	3 (6%)	2 (4%)	3 (6%)	3 (6%)

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

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L
Thyroid Gland	(50)	(50)	(50)	(49)	(50)
Adenoma				1 (2%)	
Fibrosarcoma, Metastatic, Skin		1 (2%)			
C-cell, Carcinoma				1 (2%)	
Follicular Cell, Adenoma	1 (2%)		1 (2%)		2 (4%)
Follicular Cell, Carcinoma				1 (2%)	
GENERAL BODY SYSTEM					
Tissue NOS	(1)	(0)	(0)	(0)	(0)
GENITAL SYSTEM					
Clitoral Gland	(50)	(50)	(50)	(50)	(48)
Sarcoma, Metastatic, Skin			1 (2%)		1 (2%)
Ovary	(50)	(49)	(47)	(48)	(49)
Cystadenoma	1 (2%)	3 (6%)	3 (6%)	2 (4%)	2 (4%)
Granulosa Cell Tumor Benign		1 (2%)			
Granulosa-Theca Tumor Malignant		1 (2%)			
Hemangioma			1 (2%)		
Hemangiosarcoma			1 (2%)	1 (2%)	
Teratoma Benign					1 (2%)
Uterus	(50)	(50)	(50)	(50)	(50)
Hemangiosarcoma				2 (4%)	
Polyp Stromal	1 (2%)				
Sarcoma Stromal					1 (2%)
Vagina	(1)	(0)	(0)	(0)	(0)
Squamous Cell Papilloma	1 (100%)				
HEMATOPOIETIC SYSTEM					
Bone Marrow	(50)	(50)	(50)	(50)	(50)
Lymph Node	(10)	(7)	(6)	(5)	(6)
Axillary, Sarcoma, Metastatic, Skin			1 (17%)		
Bronchial, Liposarcoma, Metastatic, Skin		1 (14%)			
Inguinal, Sarcoma, Metastatic, Skin			1 (17%)		
Mediastinal, Fibrosarcoma, Metastatic, Skin		1 (14%)			
Mediastinal, Granulosa-Theca Tumor		1 (14%)			

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

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L
Malignant, Metastatic, Ovary					
Mediastinal, Liposarcoma, Metastatic, Skin		1 (14%)			
Mediastinal, Sarcoma, Metastatic, Skin			1 (17%)		
Lymph Node, Mandibular	(50)	(48)	(49)	(48)	(48)
Carcinoma, Metastatic, Harderian Gland			1 (2%)		
Fibrosarcoma, Metastatic, Skin		1 (2%)			
Lymph Node, Mesenteric	(46)	(48)	(46)	(50)	(50)
Fibrosarcoma, Metastatic, Mesentery	1 (2%)				
Sarcoma, Metastatic, Mesentery		1 (2%)			
Lymph Node, Pancreatic	(14)	(12)	(15)	(14)	(13)
Granulosa-Theca Tumor Malignant, Metastatic, Ovary		1 (8%)			
Spleen	(48)	(48)	(50)	(50)	(50)
Hemangiosarcoma	1 (2%)	1 (2%)	1 (2%)	1 (2%)	
Sarcoma, Metastatic, Mesentery		1 (2%)			
Sarcoma, Metastatic, Skin			1 (2%)		
Thymus	(46)	(38)	(43)	(40)	(47)
INTEGUMENTARY SYSTEM					
Mammary Gland	(50)	(48)	(50)	(50)	(50)
Carcinoma					1 (2%)
Fibroadenoma		1 (2%)			
Skin	(50)	(50)	(50)	(49)	(50)
Fibrosarcoma		1 (2%)			
Hemangioma			1 (2%)		
Squamous Cell Papilloma			1 (2%)		
Pinna, Fibrosarcoma		1 (2%)			
Subcutaneous Tissue, Fibrosarcoma	1 (2%)		1 (2%)	1 (2%)	2 (4%)
Subcutaneous Tissue, Liposarcoma		1 (2%)			
Subcutaneous Tissue, Sarcoma	1 (2%)	1 (2%)	1 (2%)	1 (2%)	1 (2%)
MUSCULOSKELETAL SYSTEM					
Bone	(50)	(50)	(50)	(50)	(50)
Osteoma			1 (2%)		
Osteosarcoma			1 (2%)		
Cranium, Osteoma	1 (2%)				

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

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L
Skeletal Muscle	(2)	(6)	(1)	(1)	(1)
Carcinoma, Metastatic, Harderian Gland			1 (100%)		
Fibrosarcoma, Metastatic, Skin	1 (50%)	1 (17%)			
Granulosa-Theca Tumor Malignant, Metastatic, Ovary		1 (17%)			
Liposarcoma, Metastatic, Skin		1 (17%)			
Sarcoma		1 (17%)			
Sarcoma, Metastatic, Mesentery		1 (17%)			
NERVOUS SYSTEM					
Brain	(50)	(50)	(50)	(50)	(50)
RESPIRATORY SYSTEM					
Lung	(50)	(50)	(50)	(50)	(50)
Alveolar/Bronchiolar Adenoma	1 (2%)	5 (10%)	7 (14%)	2 (4%)	2 (4%)
Alveolar/Bronchiolar Carcinoma	2 (4%)	2 (4%)	2 (4%)	1 (2%)	
Carcinoma, Metastatic, Harderian Gland			1 (2%)		
Fibrosarcoma, Metastatic, Skin		2 (4%)			
Granulosa-Theca Tumor Malignant, Metastatic, Ovary		1 (2%)			
Hepatocellular Carcinoma, Metastatic, Liver	2 (4%)	1 (2%)			1 (2%)
Liposarcoma, Metastatic, Skin		1 (2%)			
Sarcoma, Metastatic, Skin			1 (2%)		
Nose	(50)	(50)	(50)	(50)	(50)
Carcinoma, Metastatic, Harderian Gland			1 (2%)		
SPECIAL SENSES SYSTEM					
Eye	(49)	(48)	(48)	(46)	(50)
Harderian Gland	(49)	(49)	(50)	(50)	(50)
Adenoma	4 (8%)	5 (10%)	5 (10%)	7 (14%)	5 (10%)
Carcinoma	1 (2%)		1 (2%)		1 (2%)
URINARY SYSTEM					

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

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L
Kidney	(50)	(49)	(50)	(49)	(50)
Ureter	(0)	(0)	(0)	(1)	(0)
Urinary Bladder	(50)	(48)	(50)	(48)	(49)
SYSTEMIC LESIONS					
Multiple Organs	*(50)	*(50)	*(50)	*(50)	*(50)
Histiocytic Sarcoma	2 (4%)	1 (2%)		1 (2%)	1 (2%)
Lymphoma Malignant	7 (14%)	3 (6%)	2 (4%)	5 (10%)	5 (10%)

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

* Number of animals with any tissue examined microscopically

Test Type: CHRONIC

Sodium dichromate dihydrate (VI)

Time Report Requested: 10:37:54

Route: DOSED WATER

CAS Number: 7789-12-0

First Dose M/F: 09/04/02 / 09/04/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	14.3 MG/L	57.3 MG/L	172 MG/L	516 MG/L
--------------------	--------	-----------	-----------	----------	----------

Tumor Summary for Females

Total Animals with Primary Neoplasms (b)	36	37	37	39	38
Total Primary Neoplasms	58	71	62	61	65
Total Animals with Benign Neoplasms	27	28	27	25	29
Total Benign Neoplasms	30	43	40	37	38
Total Animals with Malignant Neoplasms	22	23	19	21	18
Total Malignant Neoplasms	28	28	22	24	27
Total Animals with Metastatic Neoplasms	5	6	3	1	3
Total Metastatic Neoplasms	5	29	13	1	3
Total Animals with Malignant Neoplasms Uncertain Primary Site					
Total Animals with Neoplasms Uncertain-Benign or Malignant					
Total Uncertain Neoplasms					

*** END OF REPORT ***

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

b - Primary tumors: all tumors except metastatic tumors