

Experiment Number: 20540-03
Test Type: 150-DAY
Route: DOSED WATER
Species/Strain: Rat/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: N-Nitrosodimethylamine (TGMX rat liver evaluation)
CAS Number: 62-75-9

Date Report Requested: 10/16/2014
Time Report Requested: 06:39:36
First Dose M/F: NA / NA
Lab: BAT

C Number:	C20540D
Lock Date:	08/01/2007
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male
PWG Approval Date	NONE

Species/Strain: Rat/F344/N Tac

CAS Number: 62-75-9

Lab: BAT

F344/N Tac Rat Male
0 ppm

DAY ON TEST

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	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	5	5	5	5	5	5	0	0	0	0	0	0	9	9	9	9	9	9
5	5	5	5	5	5	0	0	0	0	0	0	3	3	3	3	3	3	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
0	0	0	0	1	1	1	2	2	2	2	2	0	0	0	0	0	0	1	1	1	1	1	1
7	8	9	0	1	2	9	0	1	2	3	4	1	2	3	4	5	6	3	4	5	6	7	8

*TOTALS

Alimentary System

Esophagus							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Large, Cecum							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Large, Colon							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Large, Rectum							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Small, Duodenum							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Small, Ileum							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Small, Jejunum							+	+	+	+	+	+								+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Pancreas							+	+	+	+	+	+								+	+	+	+	+	+	12
Salivary Glands							+	+	+	+	+	+								+	+	+	+	+	+	12
Stomach, Forestomach							+	+	+	+	+	+								+	+	+	+	+	+	12
Stomach, Glandular							+	+	+	+	+	+								+	+	+	+	+	+	12

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	12
Heart	+	+	+	+	+	+	+	+	+	+	+	+	12

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	12
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	12
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	12
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	12

I ..Insufficient tissue

BLANK ..Not examined microscopically

Species/Strain: Rat/F344/N Tac

CAS Number: 62-75-9

Lab: BAT

F344/N Tac Rat Male
0 ppm

F344/N Tac Rat Male 0 ppm		DAY ON TEST																								*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	0			
		1	1	1	1	1	1	5	5	5	5	5	5	0	0	0	0	0	0	0	0	9	9	9	9			9
		5	5	5	5	5	5	0	0	0	0	0	0	3	3	3	3	3	3	3	1	1	1	1	1			1
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
		0	0	0	1	1	1	1	2	2	2	2	2	0	0	0	0	0	0	1	1	1	1	1	1	1		
		7	8	9	0	1	2	9	0	1	2	3	4	1	2	3	4	5	6	3	4	5	6	7	8			
Pituitary Gland								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Thyroid Gland								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
General Body System																												
NONE																												
Genital System																												
Epididymis								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Preputial Gland								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Prostate								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Seminal Vesicle								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Testes								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Hematopoietic System																												
Bone Marrow								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Lymph Node, Mandibular								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Lymph Node, Mesenteric								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Spleen								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Thymus								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Integumentary System																												
Mammary Gland								+	+	+	+	+	+							+	+	+	+	+	+	+	12	
Skin								+	+	+	+	+	+							+	+	+	+	+	+	+	12	

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Species/Strain: Rat/F344/N Tac

CAS Number: 62-75-9

Lab: BAT

F344/N Tac Rat Male
DMNA 5ppm

DAY ON TEST

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	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	5	5	5	5	5	5	0	0	0	0	0	0	9	9	9	9	9	9
5	5	5	5	5	5	0	0	0	0	0	0	3	3	3	3	3	3	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
0	0	0	0	1	1	1	1	2	2	2	2	2	0	0	0	0	7	1	1	1	1	1	1
7	8	9	0	1	2	9	0	1	2	3	4	1	2	3	4	5	6	3	4	5	6	7	8

*TOTALS

Alimentary System

Esophagus							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Large, Cecum							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Large, Colon							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Large, Rectum							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Small, Duodenum							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Small, Ileum							+	+	+	+	+	+								+	+	+	+	+	+	12
Intestine Small, Jejunum							+	+	+	+	+	+								+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Pancreas							+	+	+	+	+	+								+	+	+	+	+	+	12
Salivary Glands							+	+	+	+	+	+								+	+	+	+	+	+	12
Stomach, Forestomach							+	+	+	+	+	+								+	+	+	+	+	+	12
Stomach, Glandular							+	+	+	+	+	+								+	+	+	+	+	+	12

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	12
Heart	+	+	+	+	+	+	+	+	+	+	+	+	12

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	12
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	12
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	12
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	M	+	11

Insufficient tissue

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0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	5	5	5	5	5	5	0	0	0	0	0	0	9	9	9	9	9	9
5	5	5	5	5	5	0	0	0	0	0	0	3	3	3	3	3	3	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
0	0	0	0	1	1	1	1	2	2	2	2	2	0	0	0	0	0	1	1	1	1	1	1
7	8	9	0	1	2	9	0	1	2	3	4	1	2	3	4	5	6	3	4	5	6	7	8

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0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	5	5	5	5	5	5	0	0	0	0	0	0	9	9	9	9	9	9
5	5	5	5	5	5	0	0	0	0	0	0	3	3	3	3	3	3	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
0	0	0	0	1	1	1	1	2	2	2	2	2	0	0	0	0	0	1	1	1	1	1	1
7	8	9	0	1	2	9	0	1	2	3	4	1	2	3	4	5	6	3	4	5	6	7	8

*TOTALS

Bone

+ + + + +

+ + + + +

12

Brain

$$\begin{array}{cccccc} + & + & + & + & + & + \\ & & & & & + & + & + & + & + & + \end{array}$$

12

Lung

$$\begin{array}{cccccc} + & + & + & + & + & + \\ & & & & & + & + & + & + & + & + \end{array}$$

12

Nose

+ + + + + + + + + +

12

Trachea

$\begin{array}{cccccc} + & + & + & + & + & + \\ & & & & & + & + & + & + & + & + \end{array}$

12

Eye

$$+ \quad + \quad + \quad + \quad + \quad + \qquad \qquad \qquad + \quad + \quad + \quad + \quad + \quad +$$

12

Harderian Gland

$$+ \quad + \quad + \quad + \quad + \quad + \quad + \quad + \quad + \quad + \quad + \quad +$$

12

Kidney

+

24

Urinary Bladder

$\begin{array}{cccccc} + & + & + & + & + & + \\ & & & & & & & & + & + & + & + & + & + \end{array}$

12

Multiple Organ

+ + + + + + + + + + + + + + + + +

24

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 20540-03
Test Type: 150-DAY
Route: DOSED WATER
Species/Strain: Rat/F344/N Tac

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**** END OF REPORT ****

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
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