P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 2,4-Decadienal
CAS Number: 25152-84-5

Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

C Number:	C93022
Lock Date:	03/01/1996
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

7 0 0 0 2 + +	7 0 0 0 3 + +	7 0 0 0 4 + +	7 0 0 0 5 + +	*TOTALS
+	+	+	+	5
	anim	animals v	animals with tu	animals with tumor

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male 0.0 MG/KG	DAY ON TEST ANIMAL ID	0 0 1 7 0 0 0	0 0 1 7 0 0 0	0 0 1 7 0 0 0	0 0 1 7 0 0 0	0 0 1 7 0 0 0	
		0 1	0 2	0 3	0 4	0 5	*TOTALS
NONE Respiratory System							
NONE Special Senses System							
NONE Urinary System							
Kidney SYSTEMIC LESIONS		+	+	+	+	+	5
Multiple Organ		+	+	+	+	+	5

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 93022-0 Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/F 344/N	I		P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Compound: 2,4-Decadienal CAS Number: 25152-84-5	Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Male 45.0 MG/KG	DAY ON TEST			
45.0 WG/KG	ANIMAL ID	*TOTALS		
Alimentary System				
NONE Cardiovascular System				
NONE Endocrine System				
NONE General Body System				
NONE Genital System				
NONE Hematopoietic System				
NONE Integumentary System				
NONE Musculoskeletal System				
NONE Nervous System				
NONE				

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 93022-01 Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/F 344/N			P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Compound: 2,4-Decadienal CAS Number: 25152-84-5	Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST			
F 344/N Rat Male				
45.0 MG/KG				
	ANIMAL ID			
		*TOTALS		
Respiratory System				
NONE				
Special Senses System				
NONE				
Urinary System				
NONE				
SYSTEMIC LESIONS				
Multiple Organ		0		

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 93022-01 Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/F 344/N			P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Compound: 2,4-Decadienal CAS Number: 25152-84-5	Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Male 133.0 MG/KG	DAY ON TEST ANIMAL ID	*TOTALS		
Alimentary System				
NONE Cardiovascular System				
NONE Endocrine System				
NONE General Body System				
NONE Genital System				
NONE Hematopoietic System				
NONE Integumentary System				
NONE Musculoskeletal System				
NONE Nervous System				
NONE				

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 93022-01 Test Type: 14-DAY Route: GAVAGE Species/Strain: Rat/F 344/N			P04: NEOPLASMS BY INDIVI Test Compound: 2,4-D CAS Number: 25152	ecadienal	Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA
DAY C	ON TEST				
F 344/N Rat Male 133.0 MG/KG					
	NIMAL ID	*TOTALS			
Respiratory System		TOTALS			
NONE Special Senses System					
NONE Urinary System					
NONE Systemic Lesions					
Multiple Organ		0			

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male 400.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
400.0 MG/KG	ANIMAL ID	0 0 0 1 6	0 0 0 1 7	0 0 0 1 8	0 0 0 1 9	0 0 0 2 0	*TOTALS
Alimentary System		0		0	0	0	1017(20
Stomach, Forestomach Cardiovascular System		+	+	+	+	+	5
NONE Endocrine System							
NONE General Body System							
NONE Genital System							
NONE Hematopoietic System							
NONE Integumentary System							
NONE Musculoskeletal System							
NONE Nervous System							
NONE							

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal **CAS Number:** 25152-84-5

Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male 400.0 MG/KG	DAY ON TEST ANIMAL ID	0 0 1 7 0 0 0 1 6	0 0 1 7 0 0 0 1 7	0 0 1 7 0 0 0 1 8	0 0 1 7 0 0 0 0 1 9	0 0 1 7 0 0 0 2 0	*TOTALS
Respiratory System		0	1	0	9	0	TOTALO
NONE Special Senses System							
NONE Urinary System							
NONE Systemic lesions							
Multiple Organ		+	+	+	+	+	5

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

X ..Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male 1200.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4	0 0 0 2 5	*TOTALS
Alimentary System							
Liver Stomach, Forestomach Cardiovascular System		+ +	+ +		+ +	+ +	5 5
NONE Endocrine System							
NONE General Body System							
NONE Genital System							
NONE Hematopoietic System							
NONE Integumentary System							
NONE Musculoskeletal System							
NONE Nervous System							
 *Total animals with tissue exam +Tissue examined microscopica 		Total	anim	ials w	vith tu	mor	

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male 1200.0 MG/KG	DAY ON TEST ANIMAL ID	<i>0</i> <i>0</i> <i>1</i> <i>7</i> 0 0 0 2 1	0 0 1 7 0 0 0 2 2	0 0 1 7 0 0 0 2 3	0 0 1 7 0 0 0 2 4	<i>0</i> <i>0</i> <i>1</i> <i>7</i> 0 0 0 2 5	*TOTALS
NONE Respiratory System							
NONE Special Senses System							
NONE Urinary System							
Kidney SYSTEMIC LESIONS		+	+	+	+	+	5
Multiple Organ		+	+	+	+	+	5

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male 3600.0 MG/KG	DAY ON TEST ANIMAL ID	0 0 3 0 0 0 2 6	0 0 2 0 0 0 2 7	0 0 3 0 0 0 2 8	0 0 2 0 0 0 0 2 9	0 0 3 0 0 0 3 0 0	*TOTALS
Alimentary System							
Intestine Small, Ileum					А		0
Liver		+	+	+			5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+					1
Cardiovascular System							
NONE Endocrine System							
NONE General Body System							
NONE Genital System							
NONE Hematopoietic System							
Thymus Integumentary System		+					1
Skin Musculoskeletal System			+		Μ		1

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male 3600.0 MG/KG	DAY ON TEST ANIMAL ID	0 0 3	0 0 2 0 0 0 0 2 7	0 0 3 0 0 0 2 8	0 0 2 0 0 0 0 2 9	0 0 3 0 0 0 0 3 0	*TOTALS
NONE Nervous System							
NONE Respiratory System							
NONE Special Senses System							
NONE Urinary System							
Kidney SYSTEMIC LESIONS		+	+	+	+	A	4
Multiple Organ		+	+	+	+	+	⁵ ***END OF MALE DATA***

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female 0.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 0 3	0 0 0 3 2	0 0 0 3 3	0 0 0 3 4	0 0 0 3 5	*TOTALS
Alimentary System							
Liver Stomach, Forestomach Cardiovascular System		+ +	+ +	+ +	+ +	+ +	5 5
NONE Endocrine System							
NONE General Body System							
NONE Genital System							
NONE Hematopoietic System							
NONE Integumentary System							
NONE Musculoskeletal System							
NONE Nervous System							
*Total animals with tissue exam		Total	anim	ials w	vith tu	imor	
+ Tissue examined microscopica	ally						

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female 0.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 3 1	0 0 3 2	0 0 3 3	0 0 3 4	0 0 3 5	*TOTALS
NONE Respiratory System							
NONE Special Senses System							
NONE Urinary System							
Kidney SYSTEMIC LESIONS		+	+	+	+	+	5
Multiple Organ		+	+	+	+	+	5

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 93022-01		P04: NEOPLASMS BY INDIVIDUAL ANIMAL	Date Report Requested: 10/18/2014		
Test Type: 14-DAY		Test Compound: 2,4-Decadienal	Time Report Requested: 15:38:17		
Route: GAVAGE		CAS Number: 25152-84-5	First Dose M/F: NA / NA		
Species/Strain: Rat/F 344/N			Lab: MBA		
DAY ON T	EST				
F 344/N Rat Female					
45.0 KG/KG					
ANIMA					
	*TOTALS				
Alimentary System					
NONE Cardiovascular System					
NONE					
Endocrine System					
NONE					
General Body System					
NONE					
Genital System					
NONE					
Hematopoietic System					
NONE					
Integumentary System					
NONE					
Musculoskeletal System					
NONE					
Nervous System					
NONE					

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Page 16

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Experiment Number: 93022-01			P04: NEOPLASMS BY INDIVIDUAL ANIMAL	Date Report Requested: 10/18/2014
Test Type: 14-DAY			Test Compound: 2,4-Decadienal	Time Report Requested: 15:38:17
Route: GAVAGE			CAS Number: 25152-84-5	First Dose M/F: NA / NA
Species/Strain: Rat/F 344/N				Lab: MBA
DA	Y ON TEST			
F 344/N Rat Female				
45.0 KG/KG				
	ANIMAL ID			
		*TOTALS		
Respiratory System				
NONE				
Special Senses System				
NONE				
Urinary System				
NONE				
SYSTEMIC LESIONS				
Multiple Organ		0		

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

Experiment Number: 93022-01			P04: NEOPLASMS BY INDIVIDUAL ANIMAL	Date Report Requested: 10/18/2014
Test Type: 14-DAY			Test Compound: 2,4-Decadienal	Time Report Requested: 15:38:17
Route: GAVAGE			CAS Number: 25152-84-5	First Dose M/F: NA / NA
Species/Strain: Rat/F 344/N				Lab: MBA
	DAY ON TEST			
F 344/N Rat Female				
133.0 MG/KG				
	ANIMAL ID			
		*TOTALS		
Alimentary System				
NONE				
Cardiovascular System				
NONE				
Endocrine System				
NONE				
General Body System				
NONE				
Genital System				
NONE				
Hematopoietic System				
NONE				
Integumentary System				
NONE				
Musculoskeletal System				
NONE				
Nervous System				
NONE				

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 93022-01			P04: NEOPLASMS BY INDIVIDUAL ANIMAL	Date Report Requested: 10/18/2014
Test Type: 14-DAY			Test Compound: 2,4-Decadienal	Time Report Requested: 15:38:17
Route: GAVAGE			CAS Number: 25152-84-5	First Dose M/F: NA / NA
Species/Strain: Rat/F 344/N				Lab: MBA
DAY	ON TEST			
F 344/N Rat Female				
133.0 MG/KG				
A	ANIMAL ID			
		*TOTALS		
Respiratory System				
NONE				
Special Senses System				
NONE				
Urinary System				
NONE				
SYSTEMIC LESIONS				
Multiple Organ		0		

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

400.0 MG/KG		1 7	1 7	1 7	1 7	1 7	
	ANIMAL ID	0 0 4 6	0 0 0 4 7	0 0 0 4 8	0 0 0 4 9	0 0 0 5 0	*TOTALS
Alimentary System							
Stomach, Forestomach Cardiovascular System		+	+	+	+	+	5
NONE Endocrine System							
NONE General Body System							
NONE Genital System							
NONE Hematopoietic System							
NONE Integumentary System							
NONE Musculoskeletal System							
NONE Nervous System							
NONE							

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female 400.0 MG/KG	DAY ON TEST ANIMAL ID	0 0 1 7 0 0 0 4 6	0 0 1 7 0 0 0 4 7	0 0 1 7 0 0 0 4 8	0 0 1 7 0 0 0 4 9	<i>0</i> <i>0</i> <i>1</i> <i>7</i> 0 0 0 5 0	*TOTALS
Respiratory System							
NONE Special Senses System							
NONE Urinary System							
NONE Systemic lesions							
Multiple Organ		+	+	+	+	+	5

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female 1200.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 5 5	*TOTALS
Alimentary System							
Liver Stomach, Forestomach Cardiovascular System		+ +	+ +	+ +	+ +	+ +	5 5
NONE Endocrine System							
NONE General Body System							
NONE Genital System							
NONE Hematopoietic System							
NONE Integumentary System							
NONE Musculoskeletal System							
NONE Nervous System							
 Total animals with tissue exam Tissue examined microscopica 		Total	anim	ials w	vith tu	imor	

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female 1200.0 MG/KG	DAY ON TEST ANIMAL ID	0 0 1 7 0 0	0 0 1 7 0 0	0 0 1 7 0 0	0 0 1 7 0 0	0 0 1 7 0 0	
		0 5 1	0 5 2	0 5 3	0 5 4	0 5 5	*TOTALS
NONE Respiratory System							
NONE Special Senses System							
NONE Urinary System							
Kidney SYSTEMIC LESIONS		+	+	+	+	+	5
Multiple Organ		+	+	+	+	+	5

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

	DAY ON TEST	0	0	0	0	0	
F 344/N Rat Female 3600.0 MG/KG		0 3	0 2	0 2	0 3	0 3	
	ANIMAL ID	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0	*TOTALS
Alimentary System		0				0	1017(20
Liver		+	+	+	+	+	5
Stomach, Forestomach Cardiovascular System		+	+	+	+	+	5
NONE Endocrine System							
NONE General Body System							
NONE Genital System							
NONE Hematopoietic System							
Thymus Integumentary System		+			+	+	3
Skin Musculoskeletal System			+	+			2
NONE Nervous System							

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Decadienal CAS Number: 25152-84-5 Date Report Requested: 10/18/2014 Time Report Requested: 15:38:17 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female 3600.0 MG/KG	DAY ON TEST ANIMAL ID	0 0 3 0 0 5 6	0 0 2 0 0 0 5 7	0 0 2 0 0 0 5 8	0 0 3 0 0 0 5 9	0 0 3 0 0 0 0 0 0 0 0 0	*TOTALS
NONE Respiratory System NONE							
Special Senses System							
NONE Urinary System							
Kidney SYSTEMIC LESIONS		+	+	+	A	+	4
Multiple Organ		+	+	+	+	+	5 ** END OF REPORT **

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue