

Experiment Number: 20606-99
Test Type: 18-33 DAYS
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/BALB/C

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 2,3 butanedione
CAS Number: 431-03-8

Date Report Requested: 10/23/2014
Time Report Requested: 14:03:37
First Dose M/F: NA / NA
Lab: VCU

C Number:	I20606
Lock Date:	02/12/2009
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Female
PWG Approval Date	NONE

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	DAY ON TEST	0	0	0	0	0	
BALB/C Mouse Female Air Control		0	0	0	0	0	
		2	2	2	2	2	
		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	2	3	
		6	7	9	0	5	*TOTALS

Alimentary System

Liver	+	+	+	+	+	5
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Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Bronchial Associated Lymphoid Tissue	+	+	+	M	M	3
Lymph Node, Bronchial	+	M	M	+	+	3
Lymph Node, Mediastinal	M	+	M	+	+	3
Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5

Integumentary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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	DAY ON TEST	0	0	0	0	0	
BALB/C Mouse Female		0	0	0	0	0	
		2	2	2	2	2	
	Air Control	5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	2	3	
		6	7	9	0	5	*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	5
Trachea	+	M	M	M	M	1

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
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Species/Strain: Mouse/BALB/C

Lab: VCU

BALB/C Mouse Female DA 25-ppm	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		2	2	2	2	2	
		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
	0	0	0	0	0		
	1	3	3	4	5		
	6	1	3	5	6		
							*TOTALS

Alimentary System

Liver	+	+	+	+	+	5
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Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Bronchial Associated Lymphoid Tissue	+	+	+	+	+	5
Lymph Node, Bronchial	+	+	M	+	+	4
Lymph Node, Mediastinal	M	M	M	+	M	1
Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5

Integumentary System

NONE

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BALB/C Mouse Female	DA 25-ppm	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0		
		2	2	2	2	2		
		5	5	5	5	5		
		ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0			
	0	0	0	0	0			
	1	3	3	4	5			
	6	1	3	5	6		*TOTALS	

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	5
Trachea	M	M	M	M	M	0

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

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First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

Lab: VCU

BALB/C Mouse Female DA 50-ppm	DAY ON TEST	0	0	0	0	0	0
		0	0	0	0	0	0
		2	2	2	2	2	2
		5	5	5	5	5	5
	ANIMAL ID	0	0	0	0	0	0
		0	0	0	0	0	0
	0	0	0	0	0	0	
	0	1	4	5	6	8	
	2	4	3	2	4	4	
							*TOTALS

Alimentary System

Liver + + + + + + 6

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Bronchial Associated Lymphoid Tissue + + M + + + 5

Lymph Node, Bronchial + M M + + + 4

Lymph Node, Mediastinal + M M + M M 2

Spleen + + + + + + 6

Thymus + + + + + + 6

Integumentary System

NONE

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Species/Strain: Mouse/BALB/C

Lab: VCU

BALB/C Mouse Female DA 50-ppm	DAY ON TEST	0	0	0	0	0	0
		0	0	0	0	0	0
		2	2	2	2	2	2
		5	5	5	5	5	5
	ANIMAL ID	0	0	0	0	0	0
		0	0	0	0	0	0
	0	0	0	0	0	0	
	0	1	4	5	6	8	
	2	4	3	2	4	4	
							*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung

+ + + + + +

6

Trachea

+ + M M M M

2

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + + +

6

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	DAY ON TEST	0	0	0	0	0	0	
		0	0	0	0	0	0	
		2	2	2	2	2	2	
		5	5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	0	
		0	0	0	0	0	0	
		0	0	0	0	0	0	
		2	2	2	4	4	6	
		2	5	7	0	6	3	*TOTALS

Alimentary System

Liver	+	+	+	+	+	+	6
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Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Bronchial Associated Lymphoid Tissue	+	+	+	+	+	+	6
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Lymph Node, Bronchial	+	+	+	+	+	+	6
-----------------------	---	---	---	---	---	---	---

Lymph Node, Mediastinal	M	M	M	+	M	M	1
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Spleen	+	+	+	+	+	+	6
--------	---	---	---	---	---	---	---

Thymus	+	+	+	+	+	+	6
--------	---	---	---	---	---	---	---

Integumentary System

NONE

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First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

Lab: VCU

BALB/C Mouse Female DA 100-ppm	DAY ON TEST	0	0	0	0	0	0
		0	0	0	0	0	0
		2	2	2	2	2	2
		5	5	5	5	5	5
	ANIMAL ID	0	0	0	0	0	0
		0	0	0	0	0	0
	0	0	0	0	0	0	
	2	2	2	4	4	6	
	2	5	7	0	6	3	
							*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung

+ + + + + +

6

Trachea

+ M M M M M

1

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + + +

6

**** END OF REPORT ****

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

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