

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

NTP Study Number: C60311
Lock Date: 11/29/2005
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

Note: Animals arranged according to days on test.

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
CONTROL	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		1	2	3	4	5
					* TOTALS	

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	5
-------	---	---	---	---	---	----------

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Thyroid Gland	+	M	+	+	M	3
---------------	---	---	---	---	---	----------

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
CONTROL	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		1	2	3	4	5
					* TOTALS	

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	5
--------	---	---	---	---	---	----------

SYSTEMIC LESIONS

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

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
2.5 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		2	2	2	2	2
		0	0	0	0	0
		1	2	3	4	5
					* TOTALS	

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Spleen	+	1
--------	---	---

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
2.5 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		2	2	2	2	2
		0	0	0	0	0
		1	2	3	4	5
		* TOTALS				

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
------	---	---	---	---	---	----------

Nose	+	+	+	+	+	5
------	---	---	---	---	---	----------

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

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

Experiment Number: 60311 - 02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 09/13/2016

Test Type: 14-DAY

Cobalt

Time Report Requested: 14:38:57

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 7440-48-4

First Dose M/F: 08/02/04 / 08/02/04

Species/Strain: MICE/B6C3F1

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
5 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		4	4	4	4	4
		0	0	0	0	0
		1	2	3	4	5
					* 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

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
5 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		4	4	4	4	4
		0	0	0	0	0
		1	2	3	4	5
					* TOTALS	

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5

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

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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
10 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		6	6	6	6	6
		0	0	0	0	0
		1	2	3	4	5
					* TOTALS	

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Spleen	+	1
--------	---	---

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
10 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		6	6	6	6	6
		0	0	0	0	0
		1	2	3	4	5
					* TOTALS	

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5

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

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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
20 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		8	8	8	8	8
		0	0	0	0	0
		1	2	3	4	5

* 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

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
20 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		8	8	8	8	8
		0	0	0	0	0
		1	2	3	4	5
* TOTALS						

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
------	---	---	---	---	---	----------

Nose	+	+	+	+	+	5
------	---	---	---	---	---	----------

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

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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		0	0	0	1	1
		5	5	8	7	7
		<hr/>				
40 MG/M3	ANIMAL ID	0	0	0	0	0
		1	1	1	1	1
		0	0	0	0	0
		0	0	0	0	0
		1	3	5	2	4
					* TOTALS	

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	5
-------	---	---	---	---	---	----------

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Thyroid Gland	+	+	+	+	+	5
---------------	---	---	---	---	---	----------

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		0	0	0	1	1
		5	5	8	7	7
		<hr/>				
40 MG/M3	ANIMAL ID	0	0	0	0	0
		1	1	1	1	1
		0	0	0	0	0
		0	0	0	0	0
		1	3	5	2	4

* TOTALS

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	5
--------	---	---	---	---	---	----------

SYSTEMIC LESIONS

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

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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
CONTROL	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		0	0	0	0	0
		1	2	3	4	5
					* TOTALS	

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	5
-------	---	---	---	---	---	----------

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Thyroid Gland	+	+	+	+	+	5
---------------	---	---	---	---	---	----------

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
CONTROL	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		0	0	0	0	0
		1	2	3	4	5

* TOTALS

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
------	---	---	---	---	---	----------

Nose	+	+	+	+	+	5
------	---	---	---	---	---	----------

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	5
--------	---	---	---	---	---	----------

SYSTEMIC LESIONS

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

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
2.5 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		3	3	3	3	3
		0	0	0	0	0
		1	2	3	4	5
					* TOTALS	

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary

+

1

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
2.5 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		3	3	3	3	3
		0	0	0	0	0
		1	2	3	4	5

* TOTALS

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5

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

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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
5 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		5	5	5	5	5
		0	0	0	0	0
		1	2	3	4	5
					* 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

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
5 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		5	5	5	5	5
		0	0	0	0	0
		1	2	3	4	5
					* TOTALS	

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5

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

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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
10 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		7	7	7	7	7
		0	0	0	0	0
		1	2	3	4	5

* 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

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
10 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		7	7	7	7	7
		0	0	0	0	0
		1	2	3	4	5

* TOTALS

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5

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

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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
20 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		9	9	9	9	9
		0	0	0	0	0
		1	2	3	4	5

* 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

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		7	7	7	7	7
		<hr/>				
20 MG/M3	ANIMAL ID	0	0	0	0	0
		0	0	0	0	0
		9	9	9	9	9
		0	0	0	0	0
		1	2	3	4	5
					* TOTALS	

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5

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

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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		0	0	0	1	1
		6	7	9	7	7
		<hr/>				
40 MG/M3	ANIMAL ID	0	0	0	0	0
		1	1	1	1	1
		1	1	1	1	1
		0	0	0	0	0
		1	5	4	2	3
					* TOTALS	

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	5
-------	---	---	---	---	---	----------

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Thyroid Gland	+	+	+	+	+	5
---------------	---	---	---	---	---	----------

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Spleen				+		1
--------	--	--	--	---	--	----------

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

* .. 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

Experiment Number: 60311 - 02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

CAS Number: 7440-48-4

Date Report Requested: 09/13/2016

Time Report Requested: 14:38:57

First Dose M/F: 08/02/04 / 08/02/04

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		0	0	0	1	1
		6	7	9	7	7
		<hr/>				
40 MG/M3	ANIMAL ID	0	0	0	0	0
		1	1	1	1	1
		1	1	1	1	1
		0	0	0	0	0
		1	5	4	2	3
					* TOTALS	

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	5
--------	---	---	---	---	---	----------

SYSTEMIC LESIONS

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

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