P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 7440-48-4

Species/Strain: MICE/B6C3F1

Test Type: 14-DAY

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

Date Report Requested: 09/13/2016 **Time Report Requested:** 14:38:57 **First Dose M/F:** 08/02/04 / 08/02/04

Lab: BNW

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Type: 14-DAY

P07: 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

Species/Strain: MICE/B6C3F1

		0	0	0	0	0	
B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0 1 7	0	
		7	7	7		7	
CONTROL	ANIMAL ID	0 0	0 0	0 0 0	0 0	0 0	
		0	0 2	0	0 4	0 5	* TOTALS
ALIMENTARY SYSTEM							
Liver		+	+	+	+	+	5
CARDIOVASCULAR SYS	STEM						
NONE							
ENDOCRINE SYSTEM							
Thyroid Gland		+	М	+	+	М	3
GENERAL BODY SYSTE	EM						
NONE							
GENITAL SYSTEM					•		
NONE							
HEMATOPOIETIC SYST	EM						
NONE							
INTEGUMENTARY SYST	ГЕМ					_	

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

CAS Number: 7440-48-4

Time Report Requested: 14:38:57 First Dose M/F: 08/02/04 / 08/02/04

Date Report Requested: 09/13/2016

Lab: BNW

B6C3F1 MICE MALE	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
CONTROL	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	* TOTALS
NERVOUS SYSTEM						-	
NONE							
RESPIRATORY SYSTI	EM						
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
SPECIAL SENSES SY	STEM						
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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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	ON TEST 0 1		0 0 1 7	0 0 1 7	0 0 1 7
2.5 MG/M3	ANIMAL ID	NIMAL ID $\begin{bmatrix} 0\\2 \end{bmatrix}$	0 2 0	0 0 2 0 2	0 0 2 0 3	0 0 2 0 4

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

- * .. 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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

CAS Number: 7440-48-4

Cobalt

Time Report Requested: 14:38:57

Date Report Requested: 09/13/2016

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

5

5

Lab: BNW

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

Test Type: 14-DAY

RESPIRATORY SYSTE	:M						
NONE							
NERVOUS SYSTEM							
	ANIMAL ID	0 2 0 1	0 2 0 2	0 2 0 3	0 2 0 4	0 2 0 5	* TOTALS
2.5 MG/M3		0	0	0	0	0	
B6C3F1 MICE MALE	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	

SPECIAL SENSES SYSTEM

NONE

Lung

Nose

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ 5

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
5 MG/M3	ANIMAL ID	0 0 4 0 1	0 0 4 0 2	0 0 4 0 3	0 0 4 0 4	0 0 4 0 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

- * .. 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

Test Type: 14-DAY

P07: 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

5

Lab: BNW

Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: MICE/B6C3F1

B6C3F1 MICE MALE	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
5 MG/M3	ANIMAL ID	0 0 4 0 1	0 0 4 0 2	0 0 4 0 3	0 0 4 0 4	0 0 4 0 5	* TOTALS
NERVOUS SYSTEM				-		-	
NONE							
RESPIRATORY SYSTE	M						
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
SPECIAL SENSES SYS	STEM						
NONE							

URINARY SYSTEM

SYSTEMIC LESIONS

Multiple Organ

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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

1

Lab: BNW

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

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Spleen +

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL 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

Species/Strain: MICE/B6C3F1

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Type: 14-DAY

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

CAS Number: 7440-48-4

Cobalt

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 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7
10 MG/M3	ANIMAL ID	0 0 6 0 1	0 0 6 0 2	0 0 6 0 3	0 0 6 0 4	0 0 6 0 5
NERVOUS SYSTEM				-		-
NONE						
RESPIRATORY SYSTE	EM					-
Lung		+	+	+	+	+
Nose		+	+	+	+	+
SPECIAL SENSES SYS	STEM					-
NONE						
URINARY SYSTEM						
NONE						
SYSTEMIC LESIONS						
Multiple Organ		+	+	+	+	+

^{* ..} 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

Species/Strain: MICE/B6C3F1

B6C3F1 MICE MALE

Test Type: 14-DAY

P07: 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

DA

Route: RESPIRATORY EXPOSURE WHOLE BODY

0 0 0 0 DAY ON TEST Õ Õ 0 0 1 7 7 7 7 7 0 0 0 0 0 0 0 0 ANIMAL ID 8 0 8 8 8 8 0 0 0 2 3 5

* TOTALS

ALIMENTARY SYSTEM

NONE

20 MG/M3

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL 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

Species/Strain: MICE/B6C3F1

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Type: 14-DAY

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

CAS Number: 7440-48-4

Cobalt

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 1 7	0 0 0 0 1 7) (0 0 0 1 7	
20 MG/M3	ANIMAL ID	0 0 8 0 1	0 0 0 0 8 8 0 0 2 3) () () () () (0 8 8 0 0	* TOTALS

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + + 5

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 14-DAY

P07: 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

Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: MICE/B6C3F1

B6C3F1 MICE MALE	DAY ON TEST	0 0 0 5	0 0 1 7	0 0 0 5	0 0 1 7	0 0 0 8		
40 MG/M3	ANIMAL ID	0 1 0 0	0 1 0 0 2	0 1 0 0 3	0 1 0 0 4	0 1 0 0 5		* TOTAL C
ALIMENTARY SYSTEM	<u> </u>	1.	1 -		1 '	1 "	<u> </u>	* TOTALS
Liver		+	+	+	+	+		5
CARDIOVASCULAR SY	/STEM	•		•				
NONE								
ENDOCRINE SYSTEM								
Thyroid Gland		+	+	+	+	+		5
GENERAL BODY SYST	EM		,					
NONE								
GENITAL SYSTEM								
NONE								
HEMATOPOIETIC SYS	ТЕМ							
NONE								
INTEGUMENTARY SYS	STEM							
NONE		•		•	_	_		
MUSCULOSKELETAL S	SYSTEM							

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 60311 - 02 Test Type: 14-DAY

Species/Strain: MICE/B6C3F1

Route: RESPIRATORY EXPOSURE WHOLE BODY

P07: 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 5	0 0 1 7	0 0 0 5	0 0 1 7	0 0 0 8	
40 MG/M3	ANIMAL ID	0 1 0 0	0 1 0 0 2	0 1 0 0 3	0 1 0 0 4	0 1 0 0 5	* TOTALS
NERVOUS SYSTEM					-		
NONE							
RESPIRATORY SYST	EM		•	_	•	_	
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
SPECIAL SENSES SY	STEM						
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

Species/Strain: MICE/B6C3F1

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Type: 14-DAY

P07: 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 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
CONTROL	ANIMAL ID	0 0 1 0	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	* TOTALS
ALIMENTARY SYSTEM							TOTALO
Liver		+	+	+	+	+	5
CARDIOVASCULAR SY	STEM	,					
NONE							
ENDOCRINE SYSTEM							
Thyroid Gland		+	+	+	+	+	5
GENERAL BODY SYST	EM		-				
NONE							
GENITAL SYSTEM		•					
NONE							
HEMATOPOIETIC SYST	ЕМ						
NONE							
INTEGUMENTARY SYS	TEM		-				
NONE							
MUSCULOSKELETAL S	SYSTEM						
NONE							

 $[\]ensuremath{^{\star}}$.. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

A .. Autolysis precludes evaluation

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 14-DAY

Multiple Organ

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

CAS Number: 7440-48-4

Cobalt

Date Report Requested: 09/13/2016 **Time Report Requested:** 14:38:57

5

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

Lab: BNW

Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: MICE/B6C3F1

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
CONTROL	ANIMAL ID	0 0 1 0	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	* TOTALS
NERVOUS SYSTEM				-	-	-	
NONE							
RESPIRATORY SYSTEM	VI			-	-		
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
SPECIAL SENSES SYS	TEM		•	-	-		
NONE							
URINARY SYSTEM							
Kidney		+	+	+	+	+	5
SYSTEMIC LESIONS							

^{* ..} 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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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

2.5 MG/M3 ANIMAL ID O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary + 1

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL 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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

CAS Number: 7440-48-4

Cobalt

Time Report Requested: 14:38:57

Date Report Requested: 09/13/2016

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

Lab: BNW

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

Test Type: 14-DAY

7	1 1 7	1 7	0 1 7	0 1 7	0 0 1 7	DAY ON TEST	B6C3F1 MICE FEMALE
		0 1 7 0	1 1 7 7	1 1 1 7 7	1 1 1 1 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 1 1 1 1 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 1 1 1 1 7 7 7 7

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung + + + + + 5

Nose + + + + + + 5

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + + 5

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
5 MG/M3	ANIMAL ID	0 0 5 0	0 0 5 0 2	0 0 5 0 3	0 0 5 0 4	0 0 5 0 5	* ΤΟΤΔΙ

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

- * .. 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

Species/Strain: MICE/B6C3F1

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

Time Report Requested: 14:38:57 First Dose M/F: 08/02/04 / 08/02/04

Date Report Requested: 09/13/2016

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 7440-48-4

Lab: BNW

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 5 0 1	0 0 5 0 2	0 0 5 0 3	0 0 5 0 4	0 0 5 0 5		* TOTALS
			-	-			
<u> </u>							
	+	+	+	+	+		5
	+	+	+	+	+		5
ЕМ				-			
	•	•	•		•		
	+	+	+	+	+		5
	ANIMAL ID	ANIMAL ID 0 1 7 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ANIMAL ID BAY ON TEST O O O O O O O O O O O O O	ANIMAL ID BAY ON IESI O O O O O O O O O O O O O	ANIMAL ID ANIMAL ID	ANIMAL ID ANIMAL ID	ANIMAL ID 0

^{* ..} 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

Species/Strain: MICE/B6C3F1

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Type: 14-DAY

P07: 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

0 0 0 0 DAY ON TEST Õ Õ 0 0 1 **B6C3F1 MICE FEMALE** 7 7 7 7 7 10 MG/M3 0 0 0 0 0 0 0 0 ANIMAL ID 7 0 7 7 7 7 0 0 0 0 2 3 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

- * .. 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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

CAS Number: 7440-48-4

Cobalt

Date Report Requested: 09/13/2016 Time Report Requested: 14:38:57

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

Lab: BNW

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

Test Type: 14-DAY

0 0 0 0 DAY ON TEST Õ Õ 0 1 7 1 7 1 7 1 **B6C3F1 MICE FEMALE** 7 7 10 MG/M3 0 0 0 0 Ŏ 7 0 0 0 0 ANIMAL ID 7 0 7 7 7 0 0 0 0 2 3 5 * TOTALS

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung + + + + + 5

Nose + + + + + + 5

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + + 5

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
20 MG/M3	ANIMAL ID	0 0 9 0 1	0 0 9 0 2	0 0 9 0 3	0 0 9 0 4	0 0 9 0 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

- * .. 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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Cobalt

Time Report Requested: 14:38:57 First Dose M/F: 08/02/04 / 08/02/04

Date Report Requested: 09/13/2016

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

CAS Number: 7440-48-4

Lab: BNW

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
20 MG/M3	ANIMAL ID	0 0 9 0 1	0 0 9 0 2	0 0 9 0 3	0 0 9 0 4	0 0 9 0 5	* TOTALS
NERVOUS SYSTEM					-	•	
NONE							
RESPIRATORY SYSTEM	M		•		•		
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
SPECIAL SENSES SYS	TEM		•				
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

Species/Strain: MICE/B6C3F1

Route: RESPIRATORY EXPOSURE WHOLE BODY

+ .. Tissue examined microscopically

X .. Lesion present
I .. Insufficient tissue

Test Type: 14-DAY

P07: 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

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 0 6	0 0 1 7	0 0 1 7	0 0 0 9	0 0 0 7		
40 MG/M3	ANIMAL ID	0 1 1 0	0 1 1 0 2	0 1 1 0 3	0 1 1 0 4	0 1 1 0 5		* TOTALS
ALIMENTARY SYSTEM				<u> </u>				TOTALO
Liver		+	+	+	+	+		5
CARDIOVASCULAR SY	STEM	•						
NONE								
ENDOCRINE SYSTEM								
Thyroid Gland		+	+	+	+	+		5
GENERAL BODY SYST	ЕМ							
NONE								
GENITAL SYSTEM								
NONE				_	_			
HEMATOPOIETIC SYST	ЕМ							
Spleen			+					1
INTEGUMENTARY SYS	TEM							
NONE								
MUSCULOSKELETAL S	SYSTEM							
NONE								
* Total animals with	tissue examined micr	oscop	oically	; Tot	al ani	mals	th tumor M Missing	

Species/Strain: MICE/B6C3F1

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Type: 14-DAY

P07: 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 6	0 0 1 7	0 0 1 7	0 0 0 9	0 0 0 7	
40 MG/M3	ANIMAL ID	0 1 1 0 1	0 1 1 0 2	0 1 1 0 3	0 1 1 0 4	0 1 1 0 5	* TOTALS
NERVOUS SYSTEM				-			
NONE							
RESPIRATORY SYSTE	M						
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
SPECIAL SENSES SYS	TEM						
NONE							
URINARY SYSTEM							
Kidney		+	+	+	+	+	5
SYSTEMIC LESIONS							
Multiple Organ		+	+	+	+	+	5

*** END OF REPORT ***

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue