

TDMS No. 20306 - 02
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.
F1 PCN 67

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

C Number: C20306

Lock Date: 10/07/2004

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include 001 0 NG/KG

Include 007 1000 NG/KG 67

Include 008 10,000 NG/KG 67

Include 009 50,000 NG/KG 67

Include 010 100,000 NG/KG 67

Include 011 200,000 NG/KG 67

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
 CAS Number: PCNCOMPARISN
 Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
 Time Report Reqsted: 12:38:07
 First Dose M/F: NA / 10/06/03
 Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		4	4	4	4	4	4	4	4	4	4
SPRAGUE-DAWLEY RATS		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
	ANIMAL ID	2	2	2	2	2	2	2	2	2	3
	0 NG/KG	1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

* .. 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
 CAS Number: PCNCOMPARISN
 Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
 Time Report Reqsted: 12:38:07
 First Dose M/F: NA / 10/06/03
 Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		4	4	4	4	4	4	4	4	4	4
SPRAGUE-DAWLEY RATS		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
	FEMALE	2	2	2	2	2	2	2	2	2	3
	0 NG/KG	1	2	3	4	5	6	7	8	9	0
* TOTALS											

Tongue	+	+	+	+	+	+	+	+	+	+	+	10
Tooth					+							1

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
 CAS Number: PCNCOMPARISN
 Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
 Time Report Reqsted: 12:38:07
 First Dose M/F: NA / 10/06/03
 Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		4	4	4	4	4	4	4	4	4	4
SPRAGUE-DAWLEY RATS		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
	FEMALE	2	2	2	2	2	2	2	2	2	3
0 NG/KG	ANIMAL ID	1	2	3	4	5	6	7	8	9	0
* TOTALS											

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Vagina	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
---------------	---	---	---	---	---	---	---	---	---	---	----

* .. 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
 CAS Number: PCNCOMPARISN
 Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
 Time Report Reqsted: 12:38:07
 First Dose M/F: NA / 10/06/03
 Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		4	4	4	4	4	4	4	4	4	4
SPRAGUE-DAWLEY RATS FEMALE		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
	ANIMAL ID	2	2	2	2	2	2	2	2	2	3
	0 NG/KG	1	2	3	4	5	6	7	8	9	0
* TOTALS											
.....											
Skin		+	+	+	+	+	+	+	+	+	+
MUSCULOSKELETAL SYSTEM											
.....											
Bone		+	+	+	+	+	+	+	+	+	+
NERVOUS SYSTEM											
.....											
Brain		+	+	+	+	+	+	+	+	+	+
RESPIRATORY SYSTEM											
.....											
Lung		+	+	+	+	+	+	+	+	+	+
.....											
Nose		+	+	+	+	+	+	+	+	+	+
.....											
Trachea		+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM											
.....											
Eye		+	+	+	+	+	+	+	+	+	+
.....											
Harderian Gland		+	+	+	+	+	+	+	+	+	+

* .. 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		4	4	4	4	4	4	4	4	4	4
SPRAGUE-DAWLEY RATS		0	0	0	0	0	0	0	0	0	0
FEMALE		0	0	0	0	0	0	0	0	0	0
0 NG/KG		0	0	0	0	0	0	0	0	0	0
ANIMAL ID		2	2	2	2	2	2	2	2	2	3
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+

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
 BLANK .. Not examined microscopically

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		4	4	4	4	4	4	4	4	4	4
SPRAGUE-DAWLEY RATS FEMALE		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		5	5	5	5	5	5	5	5	5	5
	ANIMAL ID	0	0	0	0	0	0	0	0	0	1
	1000 NG/KG 67	1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		4	4	4	4	4	4	4	4	4	4
SPRAGUE-DAWLEY RATS		0	0	0	0	0	0	0	0	0	0
FEMALE		0	0	0	0	0	0	0	0	0	0
1000 NG/KG 67		5	5	5	5	5	5	5	5	5	5
ANIMAL ID		0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Vagina	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10

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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
.....											
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0	
FEMALE	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	5	5	5	5	5	5	5	5	5	5	
1000 NG/KG 67	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	* TOTALS

NERVOUS SYSTEM
 NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	-----------

SPECIAL SENSES SYSTEM
 NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	10
----------------	---	---	---	---	---	---	---	---	---	---	-----------

* .. 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
.....											
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0	
FEMALE	0	0	0	0	0	0	0	0	0	0	
10,000 NG/KG 67	5	5	5	5	5	5	5	5	5	5	
ANIMAL ID	1	1	1	1	1	1	1	1	1	2	
	1	2	3	4	5	6	7	8	9	0	* TOTALS

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0
FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	5	5	5	5	5	5	5	5	5	5
10,000 NG/KG 67	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

GENITAL SYSTEM

Clitoral Gland	+									1
Ovary	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	10
Vagina	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	10

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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0
FEMALE	0	0	0	0	0	0	0	0	0	0
10,000 NG/KG 67	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

NERVOUS SYSTEM
 NONE

RESPIRATORY SYSTEM

Lung **10**

+ + + + + + + + + +

SPECIAL SENSES SYSTEM
 NONE

URINARY SYSTEM

Kidney **10**

+ + + + + + + + + +

SYSTEMIC LESIONS

Multiple Organ **10**

+ + + + + + + + + +

* .. 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
 CAS Number: PCNCOMPARISN
 Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
 Time Report Reqsted: 12:38:07
 First Dose M/F: NA / 10/06/03
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0
FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	5	5	5	5	5	5	5	5	5	5
50,000 NG/KG 67	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0
FEMALE	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	5	5	5	5	5	5	5	5	5	5
50,000 NG/KG 67	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Vagina	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10

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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0
FEMALE	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0
50,000 NG/KG 67										
										* TOTALS

NERVOUS SYSTEM
 NONE

RESPIRATORY SYSTEM

Lung **10**

SPECIAL SENSES SYSTEM
 NONE

URINARY SYSTEM

Kidney **10**

SYSTEMIC LESIONS

Multiple Organ **10**

* .. 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0
FEMALE	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	3	3	3	3	3	3	3	3	3	4
100,000 NG/KG 67	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

ALIMENTARY SYSTEM

Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0
FEMALE	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	3	3	3	3	3	3	3	3	3	4
100,000 NG/KG 67	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Vagina	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10

MUSCULOSKELETAL SYSTEM

Bone							+				1
------	--	--	--	--	--	--	---	--	--	--	----------

* .. 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
.....											
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0	
FEMALE	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	5	
ANIMAL ID	3	3	3	3	3	3	3	3	3	4	
100,000 NG/KG 67	1	2	3	4	5	6	7	8	9	0	* TOTALS

NERVOUS SYSTEM
 NONE

RESPIRATORY SYSTEM

Lung **10**

SPECIAL SENSES SYSTEM
 NONE

URINARY SYSTEM

Kidney **10**

SYSTEMIC LESIONS

Multiple Organ **10**

* .. 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
 CAS Number: PCNCOMPARISN
 Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
 Time Report Reqsted: 12:38:07
 First Dose M/F: NA / 10/06/03
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0
FEMALE	0	0	0	0	0	0	0	0	0	0
200,000 NG/KG 67	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

* .. 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
 CAS Number: PCNCOMPARISN
 Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
 Time Report Reqsted: 12:38:07
 First Dose M/F: NA / 10/06/03
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
.....											
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0	
FEMALE	0	0	0	0	0	0	0	0	0	0	
200,000 NG/KG 67	5	5	5	5	5	5	5	5	5	5	
ANIMAL ID	4	4	4	4	4	4	4	4	4	5	
	1	2	3	4	5	6	7	8	9	0	* TOTALS

Tongue + + + + + + + + + + **10**

CARDIOVASCULAR SYSTEM

Blood Vessel + + + + + + + + + + **10**

Heart + + + + + + + + + + **10**

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + + + **10**

Adrenal Medulla + + + + + + + + + + **10**

Parathyroid Gland + + M + + + + + M + **8**

Pituitary Gland + + + + + + + + + + **10**

Thyroid Gland + + + + + + + + + + **10**

GENERAL BODY SYSTEM

NONE

GENITAL 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
 CAS Number: PCNCOMPARISN
 Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
 Time Report Reqsted: 12:38:07
 First Dose M/F: NA / 10/06/03
 Lab: BAT

	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
<hr/>											
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0	
FEMALE	0	0	0	0	0	0	0	0	0	0	
200,000 NG/KG 67	5	5	5	5	5	5	5	5	5	5	
ANIMAL ID	4	4	4	4	4	4	4	4	4	5	
	1	2	3	4	5	6	7	8	9	0	* TOTALS
<hr/>											
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Vagina	+	+	+	+	+	+	+	+	+	+	10
<hr/>											
HEMATOPOIETIC SYSTEM											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<hr/>											
INTEGUMENTARY SYSTEM											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10

* .. 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
.....										
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0
FEMALE	0	0	0	0	0	0	0	0	0	0
200,000 NG/KG 67	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0
	* TOTALS									

MUSCULOSKELETAL SYSTEM

Bone + + + + + + + + + + 10

NERVOUS SYSTEM

Brain + + + + + + + + + + 10

RESPIRATORY SYSTEM

Lung + + + + + + + + + + 10

Nose + + + + + + + + + + 10

Trachea + + + + + + + + + + 10

SPECIAL SENSES SYSTEM

Eye + + + + + + + + + + 10

Harderian Gland + + + + + + + + + + 10

URINARY 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

TDMS No. 20306 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 PCN 66/67 COMPARISON STUDY
 CAS Number: PCNCOMPARISN
 Pathologist: VASCONCELOS, D.

Date Report Reqsted: 12/05/2005
 Time Report Reqsted: 12:38:07
 First Dose M/F: NA / 10/06/03
 Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		4	4	4	4	4	4	4	4	4	4	
SPRAGUE-DAWLEY RATS FEMALE		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		5	5	5	5	5	5	5	5	5	5	
	ANIMAL ID	4	4	4	4	4	4	4	4	4	5	
	200,000 NG/KG 67	1	2	3	4	5	6	7	8	9	0	* TOTALS
Kidney		+	+	+	+	+	+	+	+	+	10	
Urinary Bladder		+	+	+	+	+	+	+	+	+	10	
SYSTEMIC LESIONS												
Multiple Organ		+	+	+	+	+	+	+	+	+	10	

*** 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