

**Experiment Number:** 61427-03  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**  
**Test Compound:** Vanadium pentoxide  
**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 02:31:11  
**First Dose M/F:** NA / NA  
**Lab:** IIT

<b>C Number:</b>	C61427
<b>Lock Date:</b>	05/20/1992
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE



**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:11

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 2

**SEX:** Male

**TRT#:** 1

**TRT:** CONTROL

**ANIMAL ID:** 2

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:32:40	121.4		06:32:40	Unremarkable
8	09/26/90	6		07:02:58	151.7		07:02:58	Unremarkable
15	10/03/90	6		07:12:56	186.4		07:12:56	Unremarkable
22	10/10/90	13		06:36:34	221.4		06:36:34	Unremarkable
29	10/17/90	6		07:06:28	239.5		07:06:28	Unremarkable
36	10/24/90	3		07:09:24	255.3		07:09:24	Unremarkable
43	10/31/90	6		07:10:48	273.7		07:10:48	Unremarkable
50	11/07/90	3		07:07:30	287.8		07:07:30	Unremarkable
57	11/14/90	3		07:07:38	306.7		07:07:38	Unremarkable
64	11/21/90	6		06:15:56	323.4		06:15:56	Unremarkable
71	11/28/90	13		06:36:56	330.7		06:36:56	Unremarkable
78	12/05/90	5		06:42:14	335.6		06:42:14	Unremarkable
85	12/12/90	3		07:44:32	325.3		07:44:32	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:16:06	341.7		06:16:06	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

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**CAGE:** 3                      **SEX:** Male                      **TRT#:** 1                      **TRT:** CONTROL  
**ANIMAL ID:** 3

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:33:30	143.1		06:33:30	Unremarkable
8	09/26/90	6		07:03:38	191.3		07:03:38	Unremarkable
15	10/03/90	6		07:15:26	228.5		07:15:26	Unremarkable
22	10/10/90	13		06:39:42	260.6		06:39:42	Unremarkable
29	10/17/90	6		07:06:44	289.2		07:06:44	Unremarkable
36	10/24/90	3		07:10:12	313.5		07:10:12	Unremarkable
43	10/31/90	6		07:11:04	330.1		07:11:04	Unremarkable
50	11/07/90	3		07:08:20	348.3		07:08:20	Unremarkable
57	11/14/90	3		07:07:52	365.5		07:07:52	Unremarkable
64	11/21/90	6		06:16:08	378.6		06:16:08	Unremarkable
71	11/28/90	13		06:37:32	383.3		06:37:32	Unremarkable
78	12/05/90	5		06:42:32	398.9		06:42:32	Unremarkable
85	12/12/90	3		07:44:58	385.1		07:44:58	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:16:56	407.1		06:16:56	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:11

**First Dose M/F:** NA / NA

**Lab:** IIT

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<b>CAGE:</b> 4	<b>SEX:</b> Male	<b>TRT#:</b> 1	<b>TRT:</b> CONTROL
<b>ANIMAL ID:</b> 4			

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:33:52	149.2		06:33:52	Unremarkable
8	09/26/90	6		07:04:10	177.4		07:04:10	Unremarkable
15	10/03/90	6		07:16:02	209.5		07:16:02	Unremarkable
22	10/10/90	13		06:40:14	231.6		06:40:14	Unremarkable
29	10/17/90	6		07:07:02	250.9		07:07:02	Unremarkable
36	10/24/90	3		07:10:28	265.2		07:10:28	Unremarkable
43	10/31/90	6		07:11:20	286.6		07:11:20	Unremarkable
50	11/07/90	3		07:08:34	296.7		07:08:34	Unremarkable
57	11/14/90	3		07:08:08	312.5		07:08:08	Unremarkable
64	11/21/90	6		06:16:20	327.3		06:16:20	Unremarkable
71	11/28/90	13		06:37:56	337.1		06:37:56	Unremarkable
78	12/05/90	5		06:43:22	350.0		06:43:22	Unremarkable
85	12/12/90	3		07:45:20	337.7		07:45:20	Unremarkable
REMOVED ** REASON - TERMINAL SACRIFICE								
92	12/19/90	6		06:18:52	354.1		06:18:52	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 6

SEX: Male

TRT#: 1

TRT: CONTROL

ANIMAL ID: 6

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:35:04	120.5		06:35:04	Unremarkable
8	09/26/90	6		07:05:08	153.7		07:05:08	Unremarkable
15	10/03/90	6		07:17:00	187.9		07:17:00	Unremarkable
22	10/10/90	13		06:41:02	212.4		06:41:02	Unremarkable
29	10/17/90	6		07:07:38	233.5		07:07:38	Unremarkable
36	10/24/90	3		07:10:58	248.2		07:10:58	Unremarkable
43	10/31/90	6		07:11:48	261.3		07:11:48	Unremarkable
50	11/07/90	3		07:09:00	274.9		07:09:00	Unremarkable
57	11/14/90	3		07:08:32	290.8		07:08:32	Unremarkable
64	11/21/90	6		06:16:48	307.5		06:16:48	Unremarkable
71	11/28/90	13		06:39:14	319.7		06:39:14	Unremarkable
78	12/05/90	5		06:43:58	326.1		06:43:58	Unremarkable
85	12/12/90	3		07:46:04	315.0		07:46:04	Unremarkable
REMOVED ** REASON - TERMINAL SACRIFICE								
92	12/19/90	6		06:20:52	332.4		06:20:52	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:11

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 7

**SEX:** Male

**TRT#:** 1

**TRT:** CONTROL

**ANIMAL ID:** 7

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:36:36	119.0		06:36:36	Unremarkable
8	09/26/90	6		07:05:36	151.8		07:05:36	Unremarkable
15	10/03/90	6		07:17:24	190.7		07:17:24	Unremarkable
22	10/10/90	13		06:41:22	211.1		06:41:22	Unremarkable
29	10/17/90	6		07:07:54	230.9		07:07:54	Unremarkable
36	10/24/90	3		07:11:14	245.3		07:11:14	Unremarkable
43	10/31/90	6		07:12:00	267.3		07:12:00	Unremarkable
50	11/07/90	3		07:09:12	278.8		07:09:12	Unremarkable
57	11/14/90	3		07:08:44	291.8		07:08:44	Unremarkable
64	11/21/90	6		06:17:00	303.6		06:17:00	Unremarkable
71	11/28/90	13		06:39:48	314.7		06:39:48	Unremarkable
78	12/05/90	5		06:44:10	328.8		06:44:10	Unremarkable
85	12/12/90	3		07:46:30	313.1		07:46:30	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:21:38	330.0		06:21:38	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

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CAGE: 8                                  SEX: Male                                  TRT#: 1                                  TRT: CONTROL  
ANIMAL ID: 8

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:36:56	128.2		06:36:56	Unremarkable
8	09/26/90	6		07:05:56	159.9		07:05:56	Unremarkable
15	10/03/90	6		07:17:58	190.0		07:17:58	Unremarkable
22	10/10/90	13		06:41:44	216.4		06:41:44	Unremarkable
29	10/17/90	6		07:08:10	231.9		07:08:10	Unremarkable
36	10/24/90	3		07:11:38	240.9		07:11:38	Unremarkable
43	10/31/90	6		07:12:16	259.2		07:12:16	Unremarkable
50	11/07/90	3		07:09:26	266.8		07:09:26	Unremarkable
57	11/14/90	3		07:08:58	281.0		07:08:58	Unremarkable
64	11/21/90	6		06:17:20	288.9		06:17:20	Unremarkable
71	11/28/90	13		06:40:24	298.9		06:40:24	Unremarkable
78	12/05/90	5		06:44:36	312.1		06:44:36	Unremarkable
85	12/12/90	3		07:46:48	297.9		07:46:48	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:22:26	314.2		06:22:26	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 9                                      SEX: Male                                      TRT#: 1                                      TRT: CONTROL  
ANIMAL ID: 9

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:37:16	141.0		06:37:16	Unremarkable
8	09/26/90	6		07:06:16	180.9		07:06:16	Unremarkable
15	10/03/90	6		07:19:44	215.3		07:19:44	Unremarkable
22	10/10/90	13		06:42:28	241.7		06:42:28	Unremarkable
29	10/17/90	6		07:08:24	266.0		07:08:24	Unremarkable
36	10/24/90	3		07:11:52	283.3		07:11:52	Unremarkable
43	10/31/90	6		07:12:30	292.5		07:12:30	Unremarkable
50	11/07/90	3		07:09:40	303.5		07:09:40	Unremarkable
57	11/14/90	3		07:09:10	318.0		07:09:10	Unremarkable
64	11/21/90	6		06:17:32	331.8		06:17:32	Unremarkable
71	11/28/90	13		06:40:50	345.4		06:40:50	Unremarkable
78	12/05/90	5		06:44:52	353.7		06:44:52	Unremarkable
85	12/12/90	3		07:47:16	341.2		07:47:16	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:23:18	366.1		06:23:18	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

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<b>CAGE:</b> 10	<b>SEX:</b> Male	<b>TRT#:</b> 1	<b>TRT:</b> CONTROL
<b>ANIMAL ID:</b> 10			

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:37:48	140.0		06:37:48	Unremarkable
8	09/26/90	6		07:06:44	172.0		07:06:44	Unremarkable
15	10/03/90	6		07:21:40	209.9		07:21:40	Unremarkable
22	10/10/90	13		06:42:50	238.6		06:42:50	Unremarkable
29	10/17/90	6		07:08:42	253.7		07:08:42	Unremarkable
36	10/24/90	3		07:12:06	267.3		07:12:06	Unremarkable
43	10/31/90	6		07:12:46	287.8		07:12:46	Unremarkable
50	11/07/90	3		07:09:56	307.1		07:09:56	Unremarkable
57	11/14/90	3		07:09:22	315.3		07:09:22	Unremarkable
64	11/21/90	6		06:17:48	330.4		06:17:48	Unremarkable
71	11/28/90	13		06:41:06	335.0		06:41:06	Unremarkable
78	12/05/90	5		06:45:36	348.2		06:45:36	Unremarkable
85	12/12/90	3		07:47:34	334.3		07:47:34	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:24:20	349.6		06:24:20	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 21

SEX: Male

TRT#: 2

TRT: 1.00 MG/M3

ANIMAL ID: 21

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:38:58	127.5		06:38:58	Unremarkable
8	09/26/90	6		07:10:14	163.1		07:10:14	Unremarkable
15	10/03/90	6		07:27:34	197.7		07:27:34	Unremarkable
22	10/10/90	13		06:50:08	227.2		06:50:08	Unremarkable
29	10/17/90	6		07:11:48	251.3		07:11:48	Unremarkable
36	10/24/90	3		07:15:52	269.0		07:15:52	Unremarkable
43	10/31/90	6		07:15:28	289.0		07:15:28	Unremarkable
50	11/07/90	3		07:14:02	300.1		07:14:02	Unremarkable
57	11/14/90	3		07:11:58	314.7		07:11:58	Unremarkable
64	11/21/90	6		06:20:50	327.6		06:20:50	Unremarkable
71	11/28/90	13		06:50:20	332.2		06:50:20	Unremarkable
78	12/05/90	5		06:47:30	346.3		06:47:30	Unremarkable
85	12/12/90	3		06:42:12	353.4		06:42:12	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:27:08	363.7		06:27:08	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 22

SEX: Male

TRT#: 2

TRT: 1.00 MG/M3

ANIMAL ID: 22

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:39:18	127.8		06:39:18	Unremarkable
8	09/26/90	6		07:14:56	159.5		07:14:56	Unremarkable
15	10/03/90	6		07:29:38	189.7		07:29:38	Unremarkable
22	10/10/90	13		06:50:42	213.0		06:50:42	Unremarkable
29	10/17/90	6		07:14:06	229.6		07:14:06	Unremarkable
36	10/24/90	3		07:17:58	247.0		07:17:58	Unremarkable
43	10/31/90	6		07:17:24	262.9		07:17:24	Unremarkable
50	11/07/90	3		07:16:08	278.7		07:16:08	Unremarkable
57	11/14/90	3		07:14:12	293.3		07:14:12	Unremarkable
64	11/21/90	6		06:22:46	307.7		06:22:46	Unremarkable
71	11/28/90	13		06:50:42	320.2		06:50:42	Unremarkable
78	12/05/90	5		06:48:06	331.0		06:48:06	Unremarkable
85	12/12/90	3		06:42:24	333.7		06:42:24	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:27:58	341.9		06:27:58	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

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**CAGE:** 23                                      **SEX:** Male                                      **TRT#:** 2                                      **TRT:** 1.00 MG/M3  
**ANIMAL ID:** 23

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:39:38	120.5		06:39:38	Unremarkable
8	09/26/90	6		07:15:12	147.2		07:15:12	Unremarkable
15	10/03/90	6		07:29:54	180.1		07:29:54	Unremarkable
22	10/10/90	13		06:51:10	213.0		06:51:10	Unremarkable
29	10/17/90	6		07:14:18	238.6		07:14:18	Unremarkable
36	10/24/90	3		07:18:10	255.8		07:18:10	Unremarkable
43	10/31/90	6		07:17:36	273.6		07:17:36	Unremarkable
50	11/07/90	3		07:16:20	286.6		07:16:20	Unremarkable
57	11/14/90	3		07:14:22	303.3		07:14:22	Unremarkable
64	11/21/90	6		06:22:58	319.3		06:22:58	Unremarkable
71	11/28/90	13		06:50:56	332.5		06:50:56	Unremarkable
78	12/05/90	5		06:48:40	335.7		06:48:40	Unremarkable
85	12/12/90	3		06:42:40	346.6		06:42:40	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:28:46	354.1		06:28:46	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 24

SEX: Male

TRT#: 2

TRT: 1.00 MG/M3

ANIMAL ID: 24

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:39:56	143.5		06:39:56	Unremarkable
8	09/26/90	6		07:15:34	171.1		07:15:34	Unremarkable
15	10/03/90	6		07:30:18	196.0		07:30:18	Unremarkable
22	10/10/90	13		06:52:08	216.1		06:52:08	Unremarkable
29	10/17/90	6		07:14:32	233.6		07:14:32	Unremarkable
36	10/24/90	3		07:18:26	243.6		07:18:26	Unremarkable
43	10/31/90	6		07:17:52	258.1		07:17:52	Unremarkable
50	11/07/90	3		07:16:32	266.5		07:16:32	Unremarkable
57	11/14/90	3		07:14:34	281.6		07:14:34	Unremarkable
64	11/21/90	6		06:23:10	296.1		06:23:10	Unremarkable
71	11/28/90	13		06:51:16	305.9		06:51:16	Unremarkable
78	12/05/90	5		06:49:04	312.6		06:49:04	Unremarkable
85	12/12/90	3		06:42:52	322.8		06:42:52	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:29:30	331.4		06:29:30	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 25

SEX: Male

TRT#: 2

TRT: 1.00 MG/M3

ANIMAL ID: 25

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:40:16	141.7		06:40:16	Unremarkable
8	09/26/90	6		07:15:56	176.1		07:15:56	Unremarkable
15	10/03/90	6		07:30:34	205.8		07:30:34	Unremarkable
22	10/10/90	13		06:52:32	232.4		06:52:32	Unremarkable
29	10/17/90	6		07:15:28	246.5		07:15:28	Unremarkable
36	10/24/90	3		07:18:40	263.3		07:18:40	Unremarkable
43	10/31/90	6		07:18:06	286.3		07:18:06	Unremarkable
50	11/07/90	3		07:16:46	296.9		07:16:46	Unremarkable
57	11/14/90	3		07:14:50	313.4		07:14:50	Unremarkable
64	11/21/90	6		06:23:26	322.0		06:23:26	Unremarkable
71	11/28/90	13		06:51:32	325.8		06:51:32	Unremarkable
78	12/05/90	5		06:49:24	334.2		06:49:24	Unremarkable
85	12/12/90	3		06:43:10	341.3		06:43:10	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:30:16	347.1		06:30:16	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 26

SEX: Male

TRT#: 2

TRT: 1.00 MG/M3

ANIMAL ID: 26

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:40:34	129.4		06:40:34	Unremarkable
8	09/26/90	6		07:16:18	163.0		07:16:18	Unremarkable
15	10/03/90	6		07:30:54	197.3		07:30:54	Unremarkable
22	10/10/90	13		06:53:20	218.9		06:53:20	Unremarkable
29	10/17/90	6		07:15:54	240.3		07:15:54	Unremarkable
36	10/24/90	3		07:18:56	255.0		07:18:56	Unremarkable
43	10/31/90	6		07:18:22	271.3		07:18:22	Unremarkable
50	11/07/90	3		07:17:00	283.8		07:17:00	Unremarkable
57	11/14/90	3		07:15:02	295.1		07:15:02	Unremarkable
64	11/21/90	6		06:23:40	310.6		06:23:40	Unremarkable
71	11/28/90	13		06:51:46	319.2		06:51:46	Unremarkable
78	12/05/90	5		06:49:42	323.5		06:49:42	Unremarkable
85	12/12/90	3		06:43:24	335.5		06:43:24	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:30:44	339.6		06:30:44	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 27

SEX: Male

TRT#: 2

TRT: 1.00 MG/M3

ANIMAL ID: 27

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:40:50	119.9		06:40:50	Unremarkable
8	09/26/90	6		07:16:40	148.1		07:16:40	Unremarkable
15	10/03/90	6		07:31:24	174.7		07:31:24	Unremarkable
22	10/10/90	13		06:53:56	200.1		06:53:56	Unremarkable
29	10/17/90	6		07:16:16	215.6		07:16:16	Unremarkable
36	10/24/90	3		07:19:14	230.2		07:19:14	Unremarkable
43	10/31/90	6		07:18:38	250.8		07:18:38	Unremarkable
50	11/07/90	3		07:17:12	262.8		07:17:12	Unremarkable
57	11/14/90	3		07:15:16	279.4		07:15:16	Unremarkable
64	11/21/90	6		06:23:56	298.3		06:23:56	Unremarkable
71	11/28/90	13		06:52:02	300.3		06:52:02	Unremarkable
78	12/05/90	5		06:50:18	308.2		06:50:18	Unremarkable
85	12/12/90	3		06:43:40	318.9		06:43:40	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:31:12	328.7		06:31:12	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 28

SEX: Male

TRT#: 2

TRT: 1.00 MG/M3

ANIMAL ID: 28

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:42:16	132.3		06:42:16	Unremarkable
8	09/26/90	6		07:17:04	160.5		07:17:04	Unremarkable
15	10/03/90	6		07:31:42	186.7		07:31:42	Unremarkable
22	10/10/90	13		06:54:42	208.7		06:54:42	Unremarkable
29	10/17/90	6		07:16:36	227.5		07:16:36	Unremarkable
36	10/24/90	3		07:19:30	243.6		07:19:30	Unremarkable
43	10/31/90	6		07:18:56	257.5		07:18:56	Unremarkable
50	11/07/90	3		07:17:26	270.7		07:17:26	Unremarkable
57	11/14/90	3		07:15:28	281.3		07:15:28	Unremarkable
64	11/21/90	6		06:24:08	298.0		06:24:08	Unremarkable
71	11/28/90	13		06:52:16	298.9		06:52:16	Unremarkable
78	12/05/90	5		06:50:36	306.7		06:50:36	Unremarkable
85	12/12/90	3		06:43:56	315.1		06:43:56	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:31:38	320.4		06:31:38	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:11

**First Dose M/F:** NA / NA

**Lab:** IIT

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**CAGE:** 29    **SEX:** Male    **TRT#:** 2    **TRT:** 1.00 MG/M3  
**ANIMAL ID:** 29

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:42:40	152.8		06:42:40	Unremarkable
8	09/26/90	6		07:17:22	186.9		07:17:22	Unremarkable
15	10/03/90	6		07:32:00	214.6		07:32:00	Unremarkable
22	10/10/90	13		06:55:02	236.0		06:55:02	Unremarkable
29	10/17/90	6		07:16:54	247.6		07:16:54	Unremarkable
36	10/24/90	3		07:19:44	267.0		07:19:44	Unremarkable
43	10/31/90	6		07:19:10	281.5		07:19:10	Unremarkable
50	11/07/90	3		07:17:38	296.2		07:17:38	Unremarkable
57	11/14/90	3		07:15:42	309.8		07:15:42	Unremarkable
64	11/21/90	6		06:24:20	322.2		06:24:20	Unremarkable
71	11/28/90	13		06:52:34	325.9		06:52:34	Unremarkable
78	12/05/90	5		06:50:58	331.2		06:50:58	Unremarkable
85	12/12/90	3		06:44:10	341.6		06:44:10	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:32:08	347.2		06:32:08	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 30

SEX: Male

TRT#: 2

TRT: 1.00 MG/M3

ANIMAL ID: 30

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:42:52	160.3		06:42:52	Unremarkable
8	09/26/90	6		07:17:50	186.4		07:17:50	Unremarkable
15	10/03/90	6		07:32:20	218.0		07:32:20	Unremarkable
22	10/10/90	13		06:55:24	246.2		06:55:24	Unremarkable
29	10/17/90	6		07:17:14	271.3		07:17:14	Unremarkable
36	10/24/90	3		07:20:00	290.2		07:20:00	Unremarkable
43	10/31/90	6		07:19:22	304.1		07:19:22	Unremarkable
50	11/07/90	3		07:17:52	320.5		07:17:52	Unremarkable
57	11/14/90	3		07:15:56	335.1		07:15:56	Unremarkable
64	11/21/90	6		06:24:38	350.0		06:24:38	Unremarkable
71	11/28/90	13		06:52:50	354.3		06:52:50	Unremarkable
78	12/05/90	5		06:51:14	357.0		06:51:14	Unremarkable
85	12/12/90	3		06:44:24	365.7		06:44:24	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:32:34	374.1		06:32:34	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 41

SEX: Male

TRT#: 3

TRT: 2.00 MG/M3

ANIMAL ID: 41

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:43:22	145.6		06:43:22	Unremarkable
8	09/26/90	6		07:21:38	176.1		07:21:38	Unremarkable
15	10/03/90	6		07:37:28	201.5		07:37:28	Unremarkable
22	10/10/90	13		07:01:56	221.5		07:01:56	Unremarkable
29	10/17/90	6		07:24:14	242.0		07:24:14	Unremarkable
36	10/24/90	3		07:23:02	264.9		07:23:02	Unremarkable
43	10/31/90	6		07:22:50	282.6		07:22:50	Unremarkable
50	11/07/90	3		07:20:56	296.2		07:20:56	Unremarkable
57	11/14/90	3		07:18:54	311.4		07:18:54	Unremarkable
64	11/21/90	6		06:27:26	317.9		06:27:26	Unremarkable
71	11/28/90	13		07:01:10	330.8		07:01:10	Unremarkable
78	12/05/90	5		06:56:26	338.4		06:56:26	Unremarkable
85	12/12/90	3		07:51:34	320.1		07:51:34	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:34:20	342.0		06:34:20	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 42

SEX: Male

TRT#: 3

TRT: 2.00 MG/M3

ANIMAL ID: 42

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:43:46	118.0		06:43:46	Unremarkable
8	09/26/90	6		07:25:34	155.7		07:25:34	Unremarkable
15	10/03/90	6		07:37:40	193.7		07:37:40	Unremarkable
22	10/10/90	13		07:02:28	218.2		07:02:28	Unremarkable
29	10/17/90	6		07:25:56	243.1		07:25:56	Unremarkable
36	10/24/90	3		07:25:00	262.2		07:25:00	Unremarkable
43	10/31/90	6		07:25:00	280.4		07:25:00	Unremarkable
50	11/07/90	3		07:22:36	295.1		07:22:36	Unremarkable
57	11/14/90	3		07:20:36	304.4		07:20:36	Unremarkable
64	11/21/90	6		06:29:44	318.7		06:29:44	Unremarkable
71	11/28/90	13		07:01:30	329.2		07:01:30	Unremarkable
78	12/05/90	5		06:56:44	338.4		06:56:44	Unremarkable
85	12/12/90	3		07:51:54	324.2		07:51:54	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:34:42	351.0		06:34:42	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 43

SEX: Male

TRT#: 3

TRT: 2.00 MG/M3

ANIMAL ID: 43

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:44:06	140.5		06:44:06	Unremarkable
8	09/26/90	6		07:25:58	176.0		07:25:58	Unremarkable
15	10/03/90	6		07:37:56	201.7		07:37:56	Unremarkable
22	10/10/90	13		07:02:50	221.1		07:02:50	Unremarkable
29	10/17/90	6		07:26:22	240.5		07:26:22	Unremarkable
36	10/24/90	3		07:25:14	252.0		07:25:14	Unremarkable
43	10/31/90	6		07:25:14	266.5		07:25:14	Unremarkable
50	11/07/90	3		07:22:52	277.8		07:22:52	Unremarkable
57	11/14/90	3		07:20:48	285.9		07:20:48	Unremarkable
64	11/21/90	6		06:30:02	291.7		06:30:02	Unremarkable
71	11/28/90	13		07:01:44	306.1		07:01:44	Unremarkable
78	12/05/90	5		06:56:56	315.1		06:56:56	Unremarkable
85	12/12/90	3		07:52:14	299.2		07:52:14	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:35:00	322.5		06:35:00	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 44

SEX: Male

TRT#: 3

TRT: 2.00 MG/M3

ANIMAL ID: 44

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:44:26	119.2		06:44:26	Unremarkable
8	09/26/90	6		07:26:14	152.5		07:26:14	Unremarkable
15	10/03/90	6		07:38:12	176.0		07:38:12	Unremarkable
22	10/10/90	13		07:03:12	202.5		07:03:12	Unremarkable
29	10/17/90	6		07:26:52	225.6		07:26:52	Unremarkable
36	10/24/90	3		07:25:28	245.5		07:25:28	Unremarkable
43	10/31/90	6		07:25:28	261.3		07:25:28	Unremarkable
50	11/07/90	3		07:23:06	280.1		07:23:06	Unremarkable
57	11/14/90	3		07:21:02	293.7		07:21:02	Unremarkable
64	11/21/90	6		06:30:16	310.0		06:30:16	Unremarkable
71	11/28/90	13		07:02:00	319.2		07:02:00	Unremarkable
78	12/05/90	5		06:57:12	328.2		06:57:12	Unremarkable
85	12/12/90	3		07:52:32	318.2		07:52:32	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:35:22	340.3		06:35:22	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 45

SEX: Male

TRT#: 3

TRT: 2.00 MG/M3

ANIMAL ID: 45

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:44:38	132.6		06:44:38	Unremarkable
8	09/26/90	6		07:26:52	165.1		07:26:52	Unremarkable
15	10/03/90	6		07:38:30	194.9		07:38:30	Unremarkable
22	10/10/90	13		07:03:40	222.6		07:03:40	Unremarkable
29	10/17/90	6		07:27:14	241.4		07:27:14	Unremarkable
36	10/24/90	3		07:25:50	263.8		07:25:50	Unremarkable
43	10/31/90	6		07:25:40	278.5		07:25:40	Unremarkable
50	11/07/90	3		07:23:24	290.2		07:23:24	Unremarkable
57	11/14/90	3		07:21:14	310.0		07:21:14	Unremarkable
64	11/21/90	6		06:30:46	322.0		06:30:46	Unremarkable
71	11/28/90	13		07:02:22	330.6		07:02:22	Unremarkable
78	12/05/90	5		06:57:28	336.2		06:57:28	Unremarkable
85	12/12/90	3		07:52:44	323.9		07:52:44	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:35:50	354.0		06:35:50	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 46

SEX: Male

TRT#: 3

TRT: 2.00 MG/M3

ANIMAL ID: 46

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:44:52	133.4		06:44:52	Unremarkable
8	09/26/90	6		07:27:12	167.0		07:27:12	Unremarkable
15	10/03/90	6		07:39:08	198.9		07:39:08	Unremarkable
22	10/10/90	13		07:04:02	224.1		07:04:02	Unremarkable
29	10/17/90	6		07:27:38	244.4		07:27:38	Unremarkable
36	10/24/90	3		07:26:02	262.2		07:26:02	Unremarkable
43	10/31/90	6		07:25:54	278.3		07:25:54	Unremarkable
50	11/07/90	3		07:23:36	284.1		07:23:36	Unremarkable
57	11/14/90	3		07:21:28	302.6		07:21:28	Unremarkable
64	11/21/90	6		06:31:00	313.0		06:31:00	Unremarkable
71	11/28/90	13		07:02:38	326.1		07:02:38	Unremarkable
78	12/05/90	5		06:57:48	334.7		06:57:48	Unremarkable
85	12/12/90	3		07:52:56	323.8		07:52:56	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:36:38	346.3		06:36:38	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 47

SEX: Male

TRT#: 3

TRT: 2.00 MG/M3

ANIMAL ID: 47

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:45:12	130.2		06:45:12	Unremarkable
8	09/26/90	6		07:27:38	164.8		07:27:38	Unremarkable
15	10/03/90	6		07:39:24	193.5		07:39:24	Unremarkable
22	10/10/90	13		07:04:20	215.4		07:04:20	Unremarkable
29	10/17/90	6		07:28:02	235.8		07:28:02	Unremarkable
36	10/24/90	3		07:26:16	256.7		07:26:16	Unremarkable
43	10/31/90	6		07:26:06	271.8		07:26:06	Unremarkable
50	11/07/90	3		07:23:50	280.7		07:23:50	Unremarkable
57	11/14/90	3		07:21:40	292.2		07:21:40	Unremarkable
64	11/21/90	6		06:31:24	302.0		06:31:24	Unremarkable
71	11/28/90	13		07:02:52	321.9		07:02:52	Unremarkable
78	12/05/90	5		06:58:06	325.4		06:58:06	Unremarkable
85	12/12/90	3		07:53:10	309.2		07:53:10	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:37:06	332.1		06:37:06	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 48

SEX: Male

TRT#: 3

TRT: 2.00 MG/M3

ANIMAL ID: 48

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:45:36	161.9		06:45:36	Unremarkable
8	09/26/90	6		07:28:08	200.7		07:28:08	Unremarkable
15	10/03/90	6		07:39:40	222.9		07:39:40	Unremarkable
22	10/10/90	13		07:04:50	244.7		07:04:50	Unremarkable
29	10/17/90	6		07:28:22	264.5		07:28:22	Unremarkable
36	10/24/90	3		07:26:38	281.4		07:26:38	Unremarkable
43	10/31/90	6		07:26:20	294.9		07:26:20	Unremarkable
50	11/07/90	3		07:24:04	302.5		07:24:04	Unremarkable
57	11/14/90	3		07:21:52	315.3		07:21:52	Unremarkable
64	11/21/90	6		06:31:50	322.9		06:31:50	Unremarkable
71	11/28/90	13		07:03:08	342.1		07:03:08	Unremarkable
78	12/05/90	5		06:58:22	341.7		06:58:22	Unremarkable
85	12/12/90	3		07:53:26	331.7		07:53:26	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:37:36	347.9		06:37:36	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 49

SEX: Male

TRT#: 3

TRT: 2.00 MG/M3

ANIMAL ID: 49

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:45:56	122.9		06:45:56	Unremarkable
8	09/26/90	6		07:28:26	147.3		07:28:26	Unremarkable
15	10/03/90	6		07:40:08	170.4		07:40:08	Unremarkable
22	10/10/90	13		07:05:28	185.7		07:05:28	Unremarkable
29	10/17/90	6		07:28:50	199.0		07:28:50	Unremarkable
36	10/24/90	3		07:26:58	215.9		07:26:58	Unremarkable
43	10/31/90	6		07:27:10	232.8		07:27:10	Unremarkable
50	11/07/90	3		07:24:20	241.3		07:24:20	Unremarkable
57	11/14/90	3		07:22:06	255.2		07:22:06	Unremarkable
64	11/21/90	6		06:32:04	266.4		06:32:04	Unremarkable
71	11/28/90	13		07:03:54	277.6		07:03:54	Unremarkable
78	12/05/90	5		06:58:36	282.9		06:58:36	Unremarkable
85	12/12/90	3		07:53:44	277.6		07:53:44	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:37:58	297.1		06:37:58	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:11

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 50

**SEX:** Male

**TRT#:** 3

**TRT:** 2.00 MG/M3

**ANIMAL ID:** 50

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:46:10	153.3		06:46:10	Unremarkable
8	09/26/90	6		07:29:04	187.2		07:29:04	Unremarkable
15	10/03/90	6		07:40:26	211.5		07:40:26	Unremarkable
22	10/10/90	13		07:06:02	234.1		07:06:02	Unremarkable
29	10/17/90	6		07:29:10	253.5		07:29:10	Unremarkable
36	10/24/90	3		07:27:14	269.2		07:27:14	Unremarkable
43	10/31/90	6		07:27:26	286.2		07:27:26	Unremarkable
50	11/07/90	3		07:24:30	295.1		07:24:30	Unremarkable
57	11/14/90	3		07:22:18	313.4		07:22:18	Unremarkable
64	11/21/90	6		06:32:20	322.3		06:32:20	Unremarkable
71	11/28/90	13		07:04:06	334.1		07:04:06	Unremarkable
78	12/05/90	5		06:59:00	338.2		06:59:00	Unremarkable
85	12/12/90	3		07:53:56	330.8		07:53:56	Unremarkable
			REMOVED ** REASON - TERMINAL SACRIFICE					
92	12/19/90	6		06:38:40	354.4		06:38:40	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 61

SEX: Male

TRT#: 4

TRT: 4.00 MG/M3

ANIMAL ID: 61

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:46:38	142.2		06:46:38	Unremarkable
8	09/26/90	6		07:32:48	177.1		07:32:48	Unremarkable
15	10/03/90	6		07:45:14	201.9		07:45:14	Unremarkable
22	10/10/90	13		07:11:34	220.3		07:11:34	Unremarkable
29	10/17/90	6		07:33:34	243.5		07:33:34	Unremarkable
36	10/24/90	3		07:30:24	250.1		07:30:24	Unremarkable
43	10/31/90	6		07:30:22	260.0		07:30:22	Unremarkable
50	11/07/90	3		07:27:20	270.8		07:27:20	Unremarkable
57	11/14/90	3		07:25:36	286.3		07:25:36	Unremarkable
64	11/21/90	6		06:35:40	297.4		06:35:40	Unremarkable
71	11/28/90	13		07:13:48	305.0		07:13:48	Unremarkable
78	12/05/90	5		07:04:04	308.5		07:04:04	Unremarkable
85	12/12/90	3		08:00:32	295.4		08:00:32	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:41:42	323.2		06:41:42	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 62

SEX: Male

TRT#: 4

TRT: 4.00 MG/M3

ANIMAL ID: 62

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:47:14	116.3		06:47:14	Unremarkable
8	09/26/90	6		07:36:16	150.3		07:36:16	Unremarkable
15	10/03/90	6		07:45:26	172.5		07:45:26	Unremarkable
22	10/10/90	13		07:12:02	191.3		07:12:02	Unremarkable
29	10/17/90	6		07:35:52	209.6		07:35:52	Unremarkable
36	10/24/90	3		07:30:50	224.8		07:30:50	Unremarkable
43	10/31/90	6		07:32:40	240.1		07:32:40	Unremarkable
50	11/07/90	3		07:29:54	252.2		07:29:54	Unremarkable
57	11/14/90	3		07:27:42	261.2		07:27:42	Unremarkable
64	11/21/90	6		06:38:16	276.5		06:38:16	Unremarkable
71	11/28/90	13		07:14:12	286.8		07:14:12	Unremarkable
78	12/05/90	5		07:04:34	293.5		07:04:34	Unremarkable
85	12/12/90	3		08:01:48	285.2		08:01:48	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:42:06	305.1		06:42:06	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

### E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 63

SEX: Male

TRT#: 4

TRT: 4.00 MG/M3

ANIMAL ID: 63

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:47:34	124.6		06:47:34	Unremarkable
8	09/26/90	6		07:36:34	151.1		07:36:34	Unremarkable
15	10/03/90	6		07:45:40	174.3		07:45:40	Unremarkable
22	10/10/90	13		07:12:18	196.1		07:12:18	Unremarkable
29	10/17/90	6		07:36:14	219.5		07:36:14	Unremarkable
36	10/24/90	3		07:31:14	234.3		07:31:14	Unremarkable
43	10/31/90	6		07:32:54	252.6		07:32:54	Unremarkable
50	11/07/90	3		07:30:06	264.6		07:30:06	Unremarkable
57	11/14/90	3		07:27:54	278.7		07:27:54	Unremarkable
64	11/21/90	6		06:38:26	296.8		06:38:26	Unremarkable
71	11/28/90	13		07:14:26	308.8		07:14:26	Unremarkable
78	12/05/90	5		07:04:50	311.3		07:04:50	Unremarkable
85	12/12/90	3		08:02:04	301.9		08:02:04	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:42:36	334.2		06:42:36	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:11

First Dose M/F: NA / NA

Lab: IIT

CAGE: 64

SEX: Male

TRT#: 4

TRT: 4.00 MG/M3

ANIMAL ID: 64

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:47:56	144.5		06:47:56	Unremarkable
8	09/26/90	6		07:37:14	185.3		07:37:14	Unremarkable
15	10/03/90	6		07:45:54	224.6		07:45:54	Unremarkable
22	10/10/90	13		07:12:38	250.6		07:12:38	Unremarkable
29	10/17/90	6		07:36:36	279.6		07:36:36	Unremarkable
36	10/24/90	3		07:31:52	294.3		07:31:52	Unremarkable
43	10/31/90	6		07:33:06	311.2		07:33:06	Unremarkable
50	11/07/90	3		07:30:18	324.6		07:30:18	Unremarkable
57	11/14/90	3		07:28:08	340.4		07:28:08	Unremarkable
64	11/21/90	6		06:38:44	350.8		06:38:44	Unremarkable
71	11/28/90	13		07:14:42	363.1		07:14:42	Unremarkable
78	12/05/90	5		07:05:04	369.6		07:05:04	Unremarkable
85	12/12/90	3		08:02:14	352.4		08:02:14	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:42:58	373.8		06:42:58	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:11

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 65

**SEX:** Male

**TRT#:** 4

**TRT:** 4.00 MG/M3

**ANIMAL ID:** 65

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:48:22	149.2		06:48:22	Unremarkable
8	09/26/90	6		07:37:38	175.9		07:37:38	Unremarkable
15	10/03/90	6		07:46:14	197.7		07:46:14	Unremarkable
22	10/10/90	13		07:13:04	210.2		07:13:04	Unremarkable
29	10/17/90	6		07:36:54	221.6		07:36:54	Unremarkable
36	10/24/90	3		07:32:18	232.8		07:32:18	Unremarkable
43	10/31/90	6		07:33:20	250.5		07:33:20	Unremarkable
50	11/07/90	3		07:30:32	257.8		07:30:32	Unremarkable
57	11/14/90	3		07:28:22	273.1		07:28:22	Unremarkable
64	11/21/90	6		06:38:58	281.4		06:38:58	Unremarkable
71	11/28/90	13		07:14:58	295.4		07:14:58	Unremarkable
78	12/05/90	5		07:05:28	295.7		07:05:28	Unremarkable
85	12/12/90	3		08:02:30	289.5		08:02:30	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:43:30	313.0		06:43:30	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 66

SEX: Male

TRT#: 4

TRT: 4.00 MG/M3

ANIMAL ID: 66

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:48:40	121.6		06:48:40	Unremarkable
8	09/26/90	6		07:37:54	149.5		07:37:54	Unremarkable
15	10/03/90	6		07:46:28	179.9		07:46:28	Unremarkable
22	10/10/90	13		07:13:26	206.8		07:13:26	Unremarkable
29	10/17/90	6		07:37:16	228.0		07:37:16	Unremarkable
36	10/24/90	3		07:32:34	238.8		07:32:34	Unremarkable
43	10/31/90	6		07:33:36	265.0		07:33:36	Unremarkable
50	11/07/90	3		07:30:44	278.5		07:30:44	Unremarkable
57	11/14/90	3		07:28:34	294.4		07:28:34	Unremarkable
64	11/21/90	6		06:39:10	310.5		06:39:10	Unremarkable
71	11/28/90	13		07:15:10	328.0		07:15:10	Unremarkable
78	12/05/90	5		07:05:44	327.1		07:05:44	Unremarkable
85	12/12/90	3		08:02:42	311.5		08:02:42	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:44:10	337.2		06:44:10	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 67

SEX: Male

TRT#: 4

TRT: 4.00 MG/M3

ANIMAL ID: 67

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:48:54	153.6		06:48:54	Unremarkable
8	09/26/90	6		07:38:24	182.5		07:38:24	Unremarkable
15	10/03/90	6		07:47:04	206.0		07:47:04	Unremarkable
22	10/10/90	13		07:14:00	223.1		07:14:00	Unremarkable
29	10/17/90	6		07:37:38	238.6		07:37:38	Unremarkable
36	10/24/90	3		07:32:48	252.0		07:32:48	Unremarkable
43	10/31/90	6		07:33:50	268.0		07:33:50	Unremarkable
50	11/07/90	3		07:31:00	279.9		07:31:00	Unremarkable
57	11/14/90	3		07:28:54	298.9		07:28:54	Unremarkable
64	11/21/90	6		06:39:30	307.8		06:39:30	Unremarkable
71	11/28/90	13		07:15:24	322.4		07:15:24	Unremarkable
78	12/05/90	5		07:05:58	325.7		07:05:58	Unremarkable
85	12/12/90	3		08:03:00	300.2		08:03:00	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:44:34	325.6		06:44:34	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 68

SEX: Male

TRT#: 4

TRT: 4.00 MG/M3

ANIMAL ID: 68

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:49:22	146.3		06:49:22	Unremarkable
8	09/26/90	6		07:38:40	176.9		07:38:40	Unremarkable
15	10/03/90	6		07:47:18	199.0		07:47:18	Unremarkable
22	10/10/90	13		07:14:18	216.9		07:14:18	Unremarkable
29	10/17/90	6		07:38:00	232.6		07:38:00	Unremarkable
36	10/24/90	3		07:33:02	239.7		07:33:02	Unremarkable
43	10/31/90	6		07:34:04	258.5		07:34:04	Unremarkable
50	11/07/90	3		07:31:14	268.4		07:31:14	Unremarkable
57	11/14/90	3		07:29:06	279.7		07:29:06	Unremarkable
64	11/21/90	6		06:39:44	294.6		06:39:44	Unremarkable
71	11/28/90	13		07:15:46	304.5		07:15:46	Unremarkable
78	12/05/90	5		07:06:14	308.0		07:06:14	Unremarkable
85	12/12/90	3		08:03:14	295.8		08:03:14	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:45:02	322.4		06:45:02	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

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**CAGE:** 69                                      **SEX:** Male                                      **TRT#:** 4                                      **TRT:** 4.00 MG/M3

**ANIMAL ID:** 69

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:49:40	131.4		06:49:40	Unremarkable
8	09/26/90	6		07:39:50	162.7		07:39:50	Unremarkable
15	10/03/90	6		07:47:38	195.1		07:47:38	Unremarkable
22	10/10/90	13		07:14:38	226.7		07:14:38	Unremarkable
29	10/17/90	6		07:38:22	248.3		07:38:22	Unremarkable
36	10/24/90	3		07:33:16	264.9		07:33:16	Unremarkable
43	10/31/90	6		07:34:22	283.9		07:34:22	Unremarkable
50	11/07/90	3		07:31:26	301.2		07:31:26	Unremarkable
57	11/14/90	3		07:29:20	314.5		07:29:20	Unremarkable
64	11/21/90	6		06:40:22	323.6		06:40:22	Unremarkable
71	11/28/90	13		07:15:58	337.9		07:15:58	Unremarkable
78	12/05/90	5		07:06:32	338.9		07:06:32	Unremarkable
85	12/12/90	3		08:03:28	327.4		08:03:28	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:45:28	351.2		06:45:28	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 70

SEX: Male

TRT#: 4

TRT: 4.00 MG/M3

ANIMAL ID: 70

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:50:12	135.3		06:50:12	Unremarkable
8	09/26/90	6		07:40:52	161.8		07:40:52	Unremarkable
15	10/03/90	6		07:47:50	196.9		07:47:50	Unremarkable
22	10/10/90	13		07:14:56	224.3		07:14:56	Unremarkable
29	10/17/90	6		07:38:46	246.1		07:38:46	Unremarkable
36	10/24/90	3		07:33:28	265.3		07:33:28	Unremarkable
43	10/31/90	6	**NOTE-DISCHARGE LEFT EYE RED				07:34:22	
43	10/31/90	6		07:34:36	291.7		07:34:36	Nasal/Eye Discharge
50	11/07/90	3		07:31:42	297.8		07:31:42	Nasal/Eye Discharge
57	11/14/90	3		07:29:56	317.7		07:29:56	Nasal/Eye Discharge
64	11/21/90	6		06:40:48	336.7		06:40:48	Nasal/Eye Discharge
71	11/28/90	13		07:16:10	349.9		07:16:10	Nasal/Eye Discharge
78	12/05/90	5		07:06:46	352.2		07:06:46	Unremarkable
85	12/12/90	3		08:03:42	337.6		08:03:42	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:46:06	357.4		06:46:06	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 81

SEX: Male

TRT#: 5

TRT: 8.00 MG/M3

ANIMAL ID: 81

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:50:36	133.9		06:50:36	Unremarkable
8	09/26/90	6		07:47:34	165.6		07:47:34	Unremarkable
15	10/03/90	6		07:52:28	190.1		07:52:28	Unremarkable
22	10/10/90	13		07:20:52	213.2		07:20:52	Unremarkable
29	10/17/90	6		07:42:56	230.7		07:42:56	Unremarkable
36	10/24/90	3		07:36:24	251.7		07:36:24	Unremarkable
43	10/31/90	6		07:38:24	265.2		07:38:24	Unremarkable
50	11/07/90	3		07:34:24	277.7		07:34:24	Unremarkable
57	11/14/90	3		07:32:46	290.1		07:32:46	Unremarkable
64	11/21/90	6		06:44:50	308.2		06:44:50	Unremarkable
71	11/28/90	13		07:23:38	316.0		07:23:38	Unremarkable
78	12/05/90	5		07:09:02	321.0		07:09:02	Unremarkable
85	12/12/90	3		08:05:26	309.1		08:05:26	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:48:36	332.0		06:48:36	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 82

SEX: Male

TRT#: 5

TRT: 8.00 MG/M3

ANIMAL ID: 82

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:50:54	124.8		06:50:54	Unremarkable
8	09/26/90	6		07:49:28	160.5		07:49:28	Unremarkable
15	10/03/90	6		07:52:40	196.2		07:52:40	Unremarkable
22	10/10/90	13		07:21:20	217.0		07:21:20	Unremarkable
29	10/17/90	6		07:44:38	236.6		07:44:38	Unremarkable
36	10/24/90	3		07:36:58	253.5		07:36:58	Unremarkable
43	10/31/90	6		07:40:12	269.9		07:40:12	Unremarkable
50	11/07/90	3		07:36:10	284.5		07:36:10	Unremarkable
57	11/14/90	3		07:34:52	306.9		07:34:52	Unremarkable
64	11/21/90	6		06:46:38	314.1		06:46:38	Unremarkable
71	11/28/90	13		07:23:58	327.3		07:23:58	Unremarkable
78	12/05/90	5		07:09:22	330.4		07:09:22	Unremarkable
85	12/12/90	3		08:05:46	314.3		08:05:46	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:49:02	343.8		06:49:02	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 83

**SEX:** Male

**TRT#:** 5

**TRT:** 8.00 MG/M3

**ANIMAL ID:** 83

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:51:10	148.3		06:51:10	Unremarkable
8	09/26/90	6		07:49:54	181.2		07:49:54	Unremarkable
15	10/03/90	6		07:52:56	211.5		07:52:56	Unremarkable
22	10/10/90	13		07:21:38	233.4		07:21:38	Unremarkable
29	10/17/90	6		07:45:02	251.4		07:45:02	Unremarkable
36	10/24/90	3		07:37:26	271.2		07:37:26	Unremarkable
43	10/31/90	6		07:40:24	284.0		07:40:24	Unremarkable
50	11/07/90	3		07:36:24	290.0		07:36:24	Unremarkable
57	11/14/90	3		07:35:12	308.2		07:35:12	Unremarkable
64	11/21/90	6		06:46:52	314.5		06:46:52	Unremarkable
71	11/28/90	13		07:24:10	327.6		07:24:10	Unremarkable
78	12/05/90	5		07:10:18	331.8		07:10:18	Unremarkable
85	12/12/90	3		08:06:08	320.5		08:06:08	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:50:20	341.5		06:50:20	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 84

SEX: Male

TRT#: 5

TRT: 8.00 MG/M3

ANIMAL ID: 84

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:51:24	144.0		06:51:24	Unremarkable
8	09/26/90	6		07:50:30	165.9		07:50:30	Unremarkable
15	10/03/90	6		07:53:12	192.5		07:53:12	Unremarkable
22	10/10/90	13		07:21:54	205.5		07:21:54	Unremarkable
29	10/17/90	6		07:45:30	224.0		07:45:30	Unremarkable
36	10/24/90	3		07:37:46	239.5		07:37:46	Unremarkable
43	10/31/90	6		07:40:38	250.5		07:40:38	Unremarkable
50	11/07/90	3		07:36:36	261.8		07:36:36	Unremarkable
57	11/14/90	3		07:35:26	276.9		07:35:26	Unremarkable
64	11/21/90	6		06:47:26	284.7		06:47:26	Unremarkable
71	11/28/90	13		07:24:26	293.6		07:24:26	Unremarkable
78	12/05/90	5		07:10:42	301.8		07:10:42	Unremarkable
85	12/12/90	3		08:06:26	289.5		08:06:26	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:50:52	313.4		06:50:52	Unremarkable

**Experiment Number:** 61427-03  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**  
**Test Compound:** Vanadium pentoxide  
**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 02:31:12  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**CAGE:** 85                      **SEX:** Male                      **TRT#:** 5                      **TRT:** 8.00 MG/M3  
**ANIMAL ID:** 85

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:51:38	153.1		06:51:38	Unremarkable
8	09/26/90	6		07:50:58	185.4		07:50:58	Unremarkable
15	10/03/90	6		07:53:32	209.5		07:53:32	Unremarkable
22	10/10/90	13		07:22:22	230.8		07:22:22	Unremarkable
29	10/17/90	6		07:45:52	248.7		07:45:52	Unremarkable
36	10/24/90	3		07:38:02	265.3		07:38:02	Unremarkable
43	10/31/90	6		07:40:52	283.6		07:40:52	Unremarkable
50	11/07/90	3		07:36:50	288.7		07:36:50	Unremarkable
57	11/14/90	3		07:35:50	303.4		07:35:50	Unremarkable
64	11/21/90	6		06:47:42	314.0		06:47:42	Unremarkable
71	11/28/90	13		07:24:42	332.7		07:24:42	Unremarkable
78	12/05/90	5		07:11:04	333.3		07:11:04	Unremarkable
85	12/12/90	3		08:06:48	316.8		08:06:48	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:51:28	343.2		06:51:28	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 86

SEX: Male

TRT#: 5

TRT: 8.00 MG/M3

ANIMAL ID: 86

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:51:56	130.4		06:51:56	Unremarkable
8	09/26/90	6		07:51:20	160.2		07:51:20	Unremarkable
15	10/03/90	6		07:53:48	187.7		07:53:48	Unremarkable
22	10/10/90	13		07:22:40	204.0		07:22:40	Unremarkable
29	10/17/90	6		07:46:12	221.7		07:46:12	Unremarkable
36	10/24/90	3		07:38:18	236.6		07:38:18	Unremarkable
43	10/31/90	6		07:41:06	247.4		07:41:06	Unremarkable
50	11/07/90	3		07:37:02	260.2		07:37:02	Unremarkable
57	11/14/90	3		07:36:12	273.9		07:36:12	Unremarkable
64	11/21/90	6		06:47:54	282.3		06:47:54	Unremarkable
71	11/28/90	13		07:25:02	294.3		07:25:02	Unremarkable
78	12/05/90	5		07:11:20	298.5		07:11:20	Unremarkable
85	12/12/90	3		08:07:02	282.1		08:07:02	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:51:52	303.0		06:51:52	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 87

SEX: Male

TRT#: 5

TRT: 8.00 MG/M3

ANIMAL ID: 87

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:52:28	119.8		06:52:28	Unremarkable
8	09/26/90	6		07:51:38	146.2		07:51:38	Unremarkable
15	10/03/90	6		07:54:04	171.7		07:54:04	Unremarkable
22	10/10/90	13		07:23:08	193.0		07:23:08	Unremarkable
29	10/17/90	6		07:46:36	213.4		07:46:36	Unremarkable
36	10/24/90	3		07:38:34	230.8		07:38:34	Unremarkable
43	10/31/90	6		07:41:22	243.2		07:41:22	Unremarkable
50	11/07/90	3		07:37:16	256.3		07:37:16	Unremarkable
57	11/14/90	3		07:36:26	273.0		07:36:26	Unremarkable
64	11/21/90	6		06:48:12	280.5		06:48:12	Unremarkable
71	11/28/90	13		07:25:22	289.0		07:25:22	Unremarkable
78	12/05/90	5		07:11:36	290.9		07:11:36	Unremarkable
85	12/12/90	3		08:07:20	285.0		08:07:20	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:52:20	306.4		06:52:20	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 88

SEX: Male

TRT#: 5

TRT: 8.00 MG/M3

ANIMAL ID: 88

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:53:24	157.3		06:53:24	Unremarkable
8	09/26/90	6		07:52:12	191.9		07:52:12	Unremarkable
15	10/03/90	6		07:54:20	217.3		07:54:20	Unremarkable
22	10/10/90	13		07:23:26	235.6		07:23:26	Unremarkable
29	10/17/90	6		07:47:22	250.1		07:47:22	Unremarkable
36	10/24/90	3		07:38:52	263.6		07:38:52	Unremarkable
43	10/31/90	6		07:41:38	281.2		07:41:38	Unremarkable
50	11/07/90	3		07:37:34	290.9		07:37:34	Unremarkable
57	11/14/90	3		07:36:42	303.7		07:36:42	Unremarkable
64	11/21/90	6		06:48:28	312.7		06:48:28	Unremarkable
71	11/28/90	13		07:25:38	325.3		07:25:38	Unremarkable
78	12/05/90	5		07:11:52	327.7		07:11:52	Unremarkable
85	12/12/90	3		08:07:44	313.7		08:07:44	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:52:48	332.5		06:52:48	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 90	SEX: Male	TRT#: 5	TRT: 8.00 MG/M3
ANIMAL ID: 90			

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:54:06	120.7		06:54:06	Unremarkable
8	09/26/90	6		07:52:56	155.3		07:52:56	Unremarkable
15	10/03/90	6		07:56:56	187.3		07:56:56	Unremarkable
22	10/10/90	13		07:25:18	207.7		07:25:18	Unremarkable
29	10/17/90	6		07:48:58	226.6		07:48:58	Unremarkable
36	10/24/90	3		07:40:10	235.6		07:40:10	Unremarkable
43	10/31/90	6		07:42:34	244.3		07:42:34	Unremarkable
50	11/07/90	3		07:38:02	250.9		07:38:02	Unremarkable
57	11/14/90	3		07:37:22	259.4		07:37:22	Abnormal Posture
64	11/21/90	6		06:49:04	268.0		06:49:04	Unremarkable
71	11/28/90	13		07:26:10	287.0		07:26:10	Unremarkable
78	12/05/90	5		07:12:40	291.8		07:12:40	Unremarkable
85	12/12/90	3		08:08:22	274.0		08:08:22	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/19/90	6		06:53:50	295.8		06:53:50	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 101    SEX: Male    TRT#: 6    TRT: 16.00 MG/M3  
ANIMAL ID: 101

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:54:38	125.4		06:54:38	Unremarkable
8	09/26/90	6		07:56:06	118.1		07:56:06	Unremarkable
15	10/03/90	6		08:03:46	155.2		08:03:46	Unremarkable
22	10/10/90	13		07:32:16	173.3		07:32:16	Unremarkable
29	10/17/90	6		07:53:16	188.4		07:53:16	Unremarkable
36	10/24/90	3		07:43:22	200.7		07:43:22	Unremarkable
43	10/31/90	6		07:45:34	191.7		07:45:34	Unremarkable
50	11/07/90	3		07:41:22	206.0		07:41:22	Unremarkable
57	11/14/90	3		07:41:52	192.5		07:41:52	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur
64	11/21/90	6		06:51:38	160.4		06:51:38	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
71	11/28/90	13		07:32:40	156.6		07:32:40	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
REMOVED ** REASON - NATURAL DEATH								
75	12/02/90	6		08:30:00	130.4		08:30:00	Diarrhea Nasal/Eye Discharge

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 102                                  SEX: Male                                  TRT#: 6    TRT: 16.00 MG/M3  
ANIMAL ID: 102

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:55:08	119.9		06:55:08	Unremarkable
8	09/26/90	6		07:58:08	146.3		07:58:08	Unremarkable
15	10/03/90	6		08:04:20	160.7		08:04:20	Ruffled Fur
22	10/10/90	13		07:32:42	178.3		07:32:42	Unremarkable
29	10/17/90	6		07:54:58	186.4		07:54:58	Unremarkable
36	10/24/90	3		07:44:32	197.7		07:44:32	Unremarkable
43	10/31/90	6		07:48:02	192.7		07:48:02	Unremarkable
50	11/07/90	3		07:44:06	180.1		07:44:06	Abnormal Posture Lethargic Ruffled Fur
57	11/14/90	3		07:44:06	156.6		07:44:06	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
64	11/21/90	6		06:53:48	141.5		06:53:48	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
71	11/28/90	13		07:33:48	154.9		07:33:48	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
78	12/05/90	5		07:15:32	139.2		07:15:32	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
85	12/12/90	3		07:04:34	138.4		07:04:34	Abnormal Breathing

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

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**CAGE:** 102                                      **SEX:** Male                                      **TRT#:** 6                                      **TRT:** 16.00 MG/M3  
**ANIMAL ID:** 102

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
								Abnormal Posture Lethargic Ruffled Fur Thin
92	12/19/90	6		06:57:52	114.9		06:57:52	Abnormal Breathing Abnormal Posture Diarrhea Lethargic Ruffled Fur Thin



**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 104

**SEX:** Male

**TRT#:** 6

**TRT:** 16.00 MG/M3

**ANIMAL ID:** 104

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:55:44	142.4		06:55:44	Unremarkable
8	09/26/90	6		07:59:06	142.1		07:59:06	Unremarkable
15	10/03/90	6		08:04:58	173.8		08:04:58	Unremarkable
22	10/10/90	13		07:33:20	189.6		07:33:20	Unremarkable
29	10/17/90	6		07:55:42	195.3		07:55:42	Unremarkable
36	10/24/90	3		07:45:14	198.7		07:45:14	Unremarkable
43	10/31/90	6		07:48:38	189.5		07:48:38	Unremarkable
50	11/07/90	3		07:44:46	159.9		07:44:46	Abnormal Posture Diarrhea Lethargic Ruffled Fur
								REMOVED ** REASON - NATURAL DEATH
53	11/10/90	5		15:00:00	133.2		15:00:00	Diarrhea



**Experiment Number:** 61427-03  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**  
**Test Compound:** Vanadium pentoxide  
**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 02:31:12  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**CAGE:** 105                                  **SEX:** Male                                  **TRT#:** 6                                  **TRT:** 16.00 MG/M3  
**ANIMAL ID:** 105

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:56:00	142.6		06:56:00	Unremarkable
8	09/26/90	6		07:59:26	152.9		07:59:26	Unremarkable
15	10/03/90	6		08:05:22	184.8		08:05:22	Unremarkable
22	10/10/90	13		07:33:44	195.9		07:33:44	Unremarkable
29	10/17/90	6		07:56:10	207.4		07:56:10	Unremarkable
36	10/24/90	3		07:45:28	200.5		07:45:28	Unremarkable
43	10/31/90	6		07:48:58	203.1		07:48:58	Unremarkable
50	11/07/90	3		07:45:14	178.4		07:45:14	Abnormal Posture Lethargic Ruffled Fur
57	11/14/90	3		07:44:40	146.3		07:44:40	Abnormal Breathing Abnormal Posture Diarrhea Lethargic Ruffled Fur Thin
REMOVED ** REASON - NATURAL DEATH								
59	11/16/90	5		09:30:00	130.6		09:30:00	Diarrhea Fur Nasal/Eye Discharge Thin

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 106                                      SEX: Male                                      TRT#: 6                                      TRT: 16.00 MG/M3  
ANIMAL ID: 106

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:56:16	123.8		06:56:16	Unremarkable
8	09/26/90	6		07:59:58	126.9		07:59:58	Abnormal Posture
15	10/03/90	6		08:05:44	151.7		08:05:44	Unremarkable
22	10/10/90	13		07:34:14	170.6		07:34:14	Unremarkable
29	10/17/90	6		07:56:30	172.2		07:56:30	Unremarkable
36	10/24/90	3		07:45:50	177.0		07:45:50	Unremarkable
43	10/31/90	6		07:49:10	172.5		07:49:10	Lethargic
50	11/07/90	3		07:45:36	161.6		07:45:36	Abnormal Posture Lethargic Ruffled Fur
57	11/14/90	3		07:45:24	140.1		07:45:24	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
64	11/21/90	6		06:54:28	126.4		06:54:28	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
71	11/28/90	13	**NOTE-PROLAPSED PENIS				07:33:48	
71	11/28/90	13		07:34:22	133.9		07:34:22	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
78	12/05/90	5		07:16:30	124.7		07:16:30	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

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**CAGE:** 106                      **SEX:** Male                      **TRT#:** 6                      **TRT:** 16.00 MG/M3  
**ANIMAL ID:** 106

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
85	12/12/90	3		07:05:38	117.4		07:05:38	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
92	12/19/90	6	REMOVED ** REASON - TERMINAL SACRIFICE	06:58:40	116.1		06:58:40	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin





**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

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**CAGE:** 109                                      **SEX:** Male                                      **TRT#:** 6                                      **TRT:** 16.00 MG/M3  
**ANIMAL ID:** 109

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<b>DAY</b>	<b>DATE</b>	<b>OP ID</b>	<b>DOSE TIME</b>	<b>WEIGHT TIME</b>	<b>WT (g)</b>	<b>WEIGHT STATUS</b>	<b>OBS TIME</b>	<b>OBSERVATIONS</b>
1	09/19/90	6		06:57:04	117.7		06:57:04	Unremarkable
8	09/26/90	6		08:00:58	137.4		08:00:58	Unremarkable
15	10/03/90	6		08:06:52	155.8		08:06:52	Unremarkable
22	10/10/90	13		07:35:12	167.7		07:35:12	Unremarkable
29	10/17/90	6		07:57:40	175.0		07:57:40	Unremarkable
36	10/24/90	3		07:46:36	181.8		07:46:36	Unremarkable
43	10/31/90	6		07:50:36	183.1		07:50:36	Unremarkable
50	11/07/90	3		07:46:26	181.2		07:46:26	Abnormal Posture Lethargic Ruffled Fur
57	11/14/90	3		07:46:20	166.2		07:46:20	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
64	11/21/90	6		06:55:28	149.1		06:55:28	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
71	11/28/90	13		07:36:22	149.1		07:36:22	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
								REMOVED ** REASON - NATURAL DEATH
74	12/01/90	6		09:00:00	124.9		09:00:00	Diarrhea Nasal/Eye Discharge

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

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**CAGE:** 110                                    **SEX:** Male                                    **TRT#:** 6                                    **TRT:** 16.00 MG/M3

**ANIMAL ID:** 110

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/19/90	6		06:57:22	146.3		06:57:22	Unremarkable
8	09/26/90	6		08:01:14	128.6		08:01:14	Ruffled Fur
15	10/03/90	6		08:07:18	165.1		08:07:18	Unremarkable
22	10/10/90	13		07:35:32	183.3		07:35:32	Unremarkable
29	10/17/90	6		07:58:00	187.7		07:58:00	Unremarkable
36	10/24/90	3		07:46:50	194.2		07:46:50	Unremarkable
43	10/31/90	6		07:50:50	174.6		07:50:50	Abnormal Posture Lethargic
50	11/07/90	3		07:46:44	179.6		07:46:44	Abnormal Posture Lethargic Ruffled Fur
57	11/14/90	3		07:46:44	170.8		07:46:44	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur
64	11/21/90	6		06:55:46	149.8		06:55:46	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
71	11/28/90	13		07:36:40	159.3		07:36:40	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
78	12/05/90	5		07:18:08	149.3		07:18:08	Abnormal Breathing Abnormal Posture Lethargic Thin
85	12/12/90	3		07:06:10	136.5		07:06:10	Abnormal Breathing Abnormal Posture

Experiment Number: 61427-03

**E12:ANIMAL HISTORY**

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Vanadium pentoxide

Time Report Requested: 02:31:12

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 1314-62-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: IIT

CAGE: 110

SEX: Male

TRT#: 6

TRT: 16.00 MG/M3

ANIMAL ID: 110

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
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								Lethargic Nasal/Eye Discharge Ruffled Fur Thin
92	12/19/90	6		06:59:36	127.1		06:59:36	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

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**CAGE:** 11                                      **SEX:** Female                                      **TRT#:** 7                                      **TRT:** CONTROL  
**ANIMAL ID:** 11

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<b>DAY</b>	<b>DATE</b>	<b>OP ID</b>	<b>DOSE TIME</b>	<b>WEIGHT TIME</b>	<b>WT (g)</b>	<b>WEIGHT STATUS</b>	<b>OBS TIME</b>	<b>OBSERVATIONS</b>
1	09/18/90	6		07:16:48	109.8		07:16:48	Unremarkable
9	09/26/90	6		07:07:10	135.7		07:07:10	Unremarkable
16	10/03/90	6		07:22:40	146.4		07:22:40	Unremarkable
23	10/10/90	13		06:43:40	164.7		06:43:40	Unremarkable
30	10/17/90	6		07:09:04	173.4		07:09:04	Unremarkable
37	10/24/90	3		07:12:32	181.9		07:12:32	Unremarkable
44	10/31/90	6		07:13:02	187.4		07:13:02	Unremarkable
51	11/07/90	3		07:10:16	195.8		07:10:16	Unremarkable
58	11/14/90	3		07:09:36	201.7		07:09:36	Unremarkable
65	11/21/90	6		06:18:14	205.7		06:18:14	Unremarkable
72	11/28/90	13		06:41:48	205.5		06:41:48	Unremarkable
79	12/05/90	5		08:08:18	195.4		08:08:18	Unremarkable
86	12/12/90	3		06:36:10	211.4		06:36:10	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:28:08	212.6		06:28:08	Unremarkable





Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 14

SEX: Female

TRT#: 7

TRT: CONTROL

ANIMAL ID: 14

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:20:38	109.0		07:20:38	Unremarkable
9	09/26/90	6		07:08:02	126.8		07:08:02	Unremarkable
16	10/03/90	6		07:24:48	130.2		07:24:48	Unremarkable
23	10/10/90	13		06:45:04	143.6		06:45:04	Unremarkable
30	10/17/90	6		07:09:56	150.2		07:09:56	Unremarkable
37	10/24/90	3		07:13:38	161.8		07:13:38	Unremarkable
44	10/31/90	6		07:13:46	169.8		07:13:46	Unremarkable
51	11/07/90	3		07:11:22	175.0		07:11:22	Unremarkable
58	11/14/90	3		07:10:26	179.3		07:10:26	Unremarkable
65	11/21/90	6		06:19:08	191.2		06:19:08	Unremarkable
72	11/28/90	13		06:43:10	194.9		06:43:10	Unremarkable
79	12/05/90	5		08:09:58	183.3		08:09:58	Unremarkable
86	12/12/90	3		06:38:22	196.5		06:38:22	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:38:38	201.5		06:38:38	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 16

SEX: Female

TRT#: 7

TRT: CONTROL

ANIMAL ID: 16

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:21:30	108.5		07:21:30	Unremarkable
9	09/26/90	6		07:08:34	132.1		07:08:34	Unremarkable
16	10/03/90	6		07:26:00	145.5		07:26:00	Unremarkable
23	10/10/90	13		06:45:50	158.7		06:45:50	Unremarkable
30	10/17/90	6		07:10:24	161.2		07:10:24	Unremarkable
37	10/24/90	3		07:14:08	172.5		07:14:08	Unremarkable
44	10/31/90	6		07:14:10	178.1		07:14:10	Unremarkable
51	11/07/90	3		07:11:46	177.6		07:11:46	Unremarkable
58	11/14/90	3		07:10:54	179.8		07:10:54	Unremarkable
65	11/21/90	6		06:19:32	190.6		06:19:32	Unremarkable
72	11/28/90	13		06:43:40	192.9		06:43:40	Unremarkable
79	12/05/90	5		08:11:04	182.6		08:11:04	Unremarkable
86	12/12/90	3		06:38:50	192.5		06:38:50	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:39:42	197.0		06:39:42	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 17

**SEX:** Female

**TRT#:** 7

**TRT:** CONTROL

**ANIMAL ID:** 17

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:21:46	100.1		07:21:46	Unremarkable
9	09/26/90	6		07:08:56	121.1		07:08:56	Unremarkable
16	10/03/90	6		07:26:16	137.8		07:26:16	Unremarkable
23	10/10/90	13		06:46:12	153.2		06:46:12	Unremarkable
30	10/17/90	6		07:10:36	164.4		07:10:36	Unremarkable
37	10/24/90	3		07:14:22	171.5		07:14:22	Unremarkable
44	10/31/90	6		07:14:24	185.3		07:14:24	Unremarkable
51	11/07/90	3		07:12:00	187.3		07:12:00	Unremarkable
58	11/14/90	3		07:11:06	193.6		07:11:06	Unremarkable
65	11/21/90	6		06:19:44	200.9		06:19:44	Unremarkable
72	11/28/90	13		06:43:54	208.1		06:43:54	Unremarkable
79	12/05/90	5		08:11:26	192.9		08:11:26	Unremarkable
86	12/12/90	3		06:39:04	208.9		06:39:04	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:40:02	208.0		06:40:02	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 18

**SEX:** Female

**TRT#:** 7

**TRT:** CONTROL

**ANIMAL ID:** 18

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:22:08	113.0		07:22:08	Unremarkable
9	09/26/90	6		07:09:20	130.8		07:09:20	Unremarkable
16	10/03/90	6		07:26:30	139.8		07:26:30	Unremarkable
23	10/10/90	13		06:46:42	150.4		06:46:42	Unremarkable
30	10/17/90	6		07:10:56	157.4		07:10:56	Unremarkable
37	10/24/90	3		07:14:54	154.4		07:14:54	Unremarkable
44	10/31/90	6		07:14:44	165.4		07:14:44	Unremarkable
51	11/07/90	3		07:13:06	164.2		07:13:06	Unremarkable
58	11/14/90	3		07:11:18	178.1		07:11:18	Unremarkable
65	11/21/90	6		06:20:00	182.2		06:20:00	Unremarkable
72	11/28/90	13		06:44:06	191.5		06:44:06	Unremarkable
79	12/05/90	5		08:11:50	175.3		08:11:50	Unremarkable
86	12/12/90	3		06:39:16	188.4		06:39:16	Nasal/Eye Discharge
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:40:22	191.6		06:40:22	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 19 SEX: Female TRT#: 7 TRT: CONTROL

ANIMAL ID: 19

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:22:28	118.2		07:22:28	Unremarkable
9	09/26/90	6		07:09:34	132.2		07:09:34	Unremarkable
16	10/03/90	6		07:26:46	151.0		07:26:46	Unremarkable
23	10/10/90	13		06:47:08	164.1		06:47:08	Unremarkable
30	10/17/90	6		07:11:08	172.7		07:11:08	Unremarkable
37	10/24/90	3		07:15:06	178.6		07:15:06	Unremarkable
44	10/31/90	6		07:14:56	178.5		07:14:56	Unremarkable
51	11/07/90	3		07:13:26	183.9		07:13:26	Unremarkable
58	11/14/90	3		07:11:32	187.9		07:11:32	Unremarkable
65	11/21/90	6		06:20:14	191.8		06:20:14	Unremarkable
72	11/28/90	13		06:44:20	200.7		06:44:20	Unremarkable
79	12/05/90	5		08:12:04	184.5		08:12:04	Unremarkable
86	12/12/90	3		06:39:40	198.1		06:39:40	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:40:42	200.9		06:40:42	Unremarkable



**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 31

**SEX:** Female

**TRT#:** 8

**TRT:** 1.00 MG/M3

**ANIMAL ID:** 31

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:30:24	115.2		07:30:24	Unremarkable
9	09/26/90	6		07:18:08	137.2		07:18:08	Unremarkable
16	10/03/90	6		07:32:40	149.4		07:32:40	Unremarkable
23	10/10/90	13		06:56:02	162.5		06:56:02	Unremarkable
30	10/17/90	6		07:18:22	172.9		07:18:22	Unremarkable
37	10/24/90	3		07:20:18	186.6		07:20:18	Unremarkable
44	10/31/90	6		07:19:44	190.6		07:19:44	Unremarkable
51	11/07/90	3		07:18:10	197.4		07:18:10	Unremarkable
58	11/14/90	3		07:16:10	202.7		07:16:10	Unremarkable
65	11/21/90	6		06:25:00	207.6		06:25:00	Unremarkable
72	11/28/90	13		06:53:14	218.3		06:53:14	Unremarkable
79	12/05/90	5		06:51:36	221.8		06:51:36	Unremarkable
86	12/12/90	3		06:44:44	223.8		06:44:44	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:44:22	229.4		06:44:22	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 32

**SEX:** Female

**TRT#:** 8

**TRT:** 1.00 MG/M3

**ANIMAL ID:** 32

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:31:00	114.7		07:31:00	Unremarkable
9	09/26/90	6		07:18:22	138.1		07:18:22	Unremarkable
16	10/03/90	6		07:33:04	147.8		07:33:04	Unremarkable
23	10/10/90	13		06:56:26	158.8		06:56:26	Unremarkable
30	10/17/90	6		07:19:08	168.8		07:19:08	Unremarkable
37	10/24/90	3		07:20:44	175.0		07:20:44	Unremarkable
44	10/31/90	6		07:20:04	185.3		07:20:04	Unremarkable
51	11/07/90	3		07:18:40	185.3		07:18:40	Unremarkable
58	11/14/90	3		07:16:38	195.1		07:16:38	Unremarkable
65	11/21/90	6		06:25:22	199.8		06:25:22	Unremarkable
72	11/28/90	13		06:53:38	205.2		06:53:38	Unremarkable
79	12/05/90	5		06:52:00	212.6		06:52:00	Unremarkable
86	12/12/90	3		06:45:16	208.8		06:45:16	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:44:46	211.7		06:44:46	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

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**CAGE:** 33                                         **SEX:** Female                                         **TRT#:** 8                                         **TRT:** 1.00 MG/M3  
**ANIMAL ID:** 33

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:34:40	104.0		07:34:40	Unremarkable
9	09/26/90	6		07:18:40	122.4		07:18:40	Unremarkable
16	10/03/90	6		07:33:18	140.0		07:33:18	Unremarkable
23	10/10/90	13		06:56:44	153.3		06:56:44	Unremarkable
30	10/17/90	6		07:19:46	163.8		07:19:46	Unremarkable
37	10/24/90	3		07:20:54	168.7		07:20:54	Unremarkable
44	10/31/90	6		07:20:24	180.8		07:20:24	Unremarkable
51	11/07/90	3		07:18:54	183.7		07:18:54	Unremarkable
58	11/14/90	3		07:16:54	190.2		07:16:54	Unremarkable
65	11/21/90	6		06:25:36	196.1		06:25:36	Unremarkable
72	11/28/90	13		06:53:52	197.6		06:53:52	Unremarkable
79	12/05/90	5		06:52:36	202.1		06:52:36	Unremarkable
86	12/12/90	3		06:45:28	203.4		06:45:28	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:45:08	204.8		06:45:08	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 34

SEX: Female

TRT#: 8

TRT: 1.00 MG/M3

ANIMAL ID: 34

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:34:58	110.8		07:34:58	Unremarkable
9	09/26/90	6		07:18:52	132.6		07:18:52	Unremarkable
16	10/03/90	6		07:34:02	147.9		07:34:02	Unremarkable
23	10/10/90	13		06:57:02	158.2		06:57:02	Unremarkable
30	10/17/90	6		07:20:20	160.5		07:20:20	Unremarkable
37	10/24/90	3		07:21:10	173.7		07:21:10	Unremarkable
44	10/31/90	6		07:20:36	177.5		07:20:36	Unremarkable
51	11/07/90	3		07:19:08	186.4		07:19:08	Unremarkable
58	11/14/90	3		07:17:08	187.4		07:17:08	Unremarkable
65	11/21/90	6		06:25:48	195.7		06:25:48	Unremarkable
72	11/28/90	13		06:54:04	195.8		06:54:04	Unremarkable
79	12/05/90	5		06:52:58	199.8		06:52:58	Unremarkable
86	12/12/90	3		06:45:46	196.0		06:45:46	Unremarkable
REMOVED ** REASON - TERMINAL SACRIFICE								
92	12/18/90	6		06:45:44	199.9		06:45:44	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 35

**SEX:** Female

**TRT#:** 8

**TRT:** 1.00 MG/M3

**ANIMAL ID:** 35

<b>DAY</b>	<b>DATE</b>	<b>OP ID</b>	<b>DOSE TIME</b>	<b>WEIGHT TIME</b>	<b>WT (g)</b>	<b>WEIGHT STATUS</b>	<b>OBS TIME</b>	<b>OBSERVATIONS</b>
1	09/18/90	6		07:35:18	128.4		07:35:18	Unremarkable
9	09/26/90	6		07:19:10	151.7		07:19:10	Unremarkable
16	10/03/90	6		07:34:16	161.2		07:34:16	Unremarkable
23	10/10/90	13		06:57:34	178.9		06:57:34	Unremarkable
30	10/17/90	6		07:20:52	180.6		07:20:52	Unremarkable
37	10/24/90	3		07:21:24	195.8		07:21:24	Unremarkable
44	10/31/90	6		07:20:50	196.1		07:20:50	Unremarkable
51	11/07/90	3		07:19:22	203.9		07:19:22	Unremarkable
58	11/14/90	3		07:17:20	205.0		07:17:20	Unremarkable
65	11/21/90	6		06:26:00	208.8		06:26:00	Unremarkable
72	11/28/90	13		06:54:26	212.7		06:54:26	Unremarkable
79	12/05/90	5		06:53:16	218.3		06:53:16	Unremarkable
86	12/12/90	3		06:46:08	222.2		06:46:08	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:46:04	228.1		06:46:04	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 36

SEX: Female

TRT#: 8

TRT: 1.00 MG/M3

ANIMAL ID: 36

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:36:20	109.0		07:36:20	Unremarkable
9	09/26/90	6		07:19:28	124.5		07:19:28	Unremarkable
16	10/03/90	6		07:34:36	138.6		07:34:36	Unremarkable
23	10/10/90	13		06:57:56	147.6		06:57:56	Unremarkable
30	10/17/90	6		07:21:32	153.4		07:21:32	Unremarkable
37	10/24/90	3		07:21:46	160.9		07:21:46	Unremarkable
44	10/31/90	6		07:21:12	162.7		07:21:12	Unremarkable
51	11/07/90	3		07:19:42	171.8		07:19:42	Unremarkable
58	11/14/90	3		07:17:36	170.0		07:17:36	Unremarkable
65	11/21/90	6		06:26:12	172.0		06:26:12	Unremarkable
72	11/28/90	13		06:54:48	178.4		06:54:48	Unremarkable
79	12/05/90	5		06:53:32	178.1		06:53:32	Unremarkable
86	12/12/90	3		06:46:24	180.1		06:46:24	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:46:26	185.9		06:46:26	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 37

SEX: Female

TRT#: 8

TRT: 1.00 MG/M3

ANIMAL ID: 37

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:36:46	114.2		07:36:46	Unremarkable
9	09/26/90	6		07:19:44	130.0		07:19:44	Unremarkable
16	10/03/90	6		07:34:54	138.9		07:34:54	Unremarkable
23	10/10/90	13		06:58:22	151.7		06:58:22	Unremarkable
30	10/17/90	6		07:21:58	152.6		07:21:58	Unremarkable
37	10/24/90	3		07:22:00	163.1		07:22:00	Unremarkable
44	10/31/90	6		07:21:38	167.0		07:21:38	Unremarkable
51	11/07/90	3		07:19:56	169.3		07:19:56	Unremarkable
58	11/14/90	3		07:17:52	176.6		07:17:52	Unremarkable
65	11/21/90	6		06:26:24	173.0		06:26:24	Unremarkable
72	11/28/90	13		06:55:06	177.4		06:55:06	Unremarkable
79	12/05/90	5		06:53:44	183.8		06:53:44	Unremarkable
86	12/12/90	3		06:46:36	179.2		06:46:36	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:46:52	181.1		06:46:52	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 38    SEX: Female    TRT#: 8    TRT: 1.00 MG/M3  
ANIMAL ID: 38

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:37:08	95.0		07:37:08	Unremarkable
9	09/26/90	6		07:20:00	118.1		07:20:00	Unremarkable
16	10/03/90	6		07:35:16	130.6		07:35:16	Unremarkable
23	10/10/90	13		06:58:42	141.5		06:58:42	Unremarkable
30	10/17/90	6		07:22:28	146.9		07:22:28	Unremarkable
37	10/24/90	3		07:22:14	156.0		07:22:14	Unremarkable
44	10/31/90	6		07:21:54	165.0		07:21:54	Unremarkable
51	11/07/90	3		07:20:10	163.5		07:20:10	Unremarkable
58	11/14/90	3		07:18:04	168.2		07:18:04	Unremarkable
65	11/21/90	6		06:26:36	170.6		06:26:36	Unremarkable
72	11/28/90	13		06:55:24	180.9		06:55:24	Unremarkable
79	12/05/90	5		06:54:04	179.9		06:54:04	Unremarkable
86	12/12/90	3		06:46:52	182.6		06:46:52	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:47:16	185.8		06:47:16	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

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<b>CAGE:</b> 39	<b>SEX:</b> Female	<b>TRT#:</b> 8	<b>TRT:</b> 1.00 MG/M3
<b>ANIMAL ID:</b> 39			

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:37:22	113.1		07:37:22	Unremarkable
9	09/26/90	6		07:20:50	129.0		07:20:50	Unremarkable
16	10/03/90	6		07:35:34	144.1		07:35:34	Unremarkable
23	10/10/90	13		06:59:04	154.8		06:59:04	Unremarkable
30	10/17/90	6		07:22:56	163.9		07:22:56	Unremarkable
37	10/24/90	3		07:22:30	174.6		07:22:30	Unremarkable
44	10/31/90	6		07:22:08	178.2		07:22:08	Unremarkable
51	11/07/90	3		07:20:28	185.4		07:20:28	Unremarkable
58	11/14/90	3		07:18:18	188.9		07:18:18	Unremarkable
65	11/21/90	6		06:26:54	198.6		06:26:54	Unremarkable
72	11/28/90	13		06:55:40	197.9		06:55:40	Unremarkable
79	12/05/90	5		06:54:20	200.9		06:54:20	Unremarkable
86	12/12/90	3		06:47:18	202.0		06:47:18	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:47:36	200.8		06:47:36	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 40

**SEX:** Female

**TRT#:** 8

**TRT:** 1.00 MG/M3

**ANIMAL ID:** 40

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:37:52	102.4		07:37:52	Unremarkable
9	09/26/90	6		07:21:22	124.8		07:21:22	Unremarkable
16	10/03/90	6		07:35:48	139.4		07:35:48	Unremarkable
23	10/10/90	13		06:59:40	149.6		06:59:40	Unremarkable
30	10/17/90	6		07:23:32	159.0		07:23:32	Unremarkable
37	10/24/90	3		07:22:44	161.5		07:22:44	Unremarkable
44	10/31/90	6		07:22:28	165.4		07:22:28	Unremarkable
51	11/07/90	3		07:20:40	167.2		07:20:40	Unremarkable
58	11/14/90	3		07:18:36	172.7		07:18:36	Unremarkable
65	11/21/90	6		06:27:08	177.8		06:27:08	Unremarkable
72	11/28/90	13		06:56:00	183.2		06:56:00	Unremarkable
79	12/05/90	5		06:54:36	184.2		06:54:36	Unremarkable
86	12/12/90	3		06:47:34	188.1		06:47:34	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:48:02	192.8		06:48:02	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 51

**SEX:** Female

**TRT#:** 9

**TRT:** 2.00 MG/M3

**ANIMAL ID:** 51

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:43:16	104.9		07:43:16	Unremarkable
9	09/26/90	6		07:29:24	126.4		07:29:24	Unremarkable
16	10/03/90	6		07:40:52	140.8		07:40:52	Unremarkable
23	10/10/90	13		07:06:34	153.9		07:06:34	Unremarkable
30	10/17/90	6		07:29:38	161.0		07:29:38	Unremarkable
37	10/24/90	3		07:27:38	168.6		07:27:38	Unremarkable
44	10/31/90	6		07:27:44	182.9		07:27:44	Unremarkable
51	11/07/90	3		07:24:44	185.4		07:24:44	Unremarkable
58	11/14/90	3		07:22:32	187.8		07:22:32	Unremarkable
65	11/21/90	6		06:32:42	193.1		06:32:42	Unremarkable
72	11/28/90	13		07:04:32	201.0		07:04:32	Unremarkable
79	12/05/90	5		06:59:28	199.1		06:59:28	Unremarkable
86	12/12/90	3		06:49:34	208.2		06:49:34	Unremarkable
REMOVED ** REASON - TERMINAL SACRIFICE								
92	12/18/90	6		06:49:44	209.7		06:49:44	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 53

SEX: Female

TRT#: 9

TRT: 2.00 MG/M3

ANIMAL ID: 53

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:43:52	115.5		07:43:52	Unremarkable
9	09/26/90	6		07:30:04	137.7		07:30:04	Unremarkable
16	10/03/90	6		07:41:34	151.4		07:41:34	Unremarkable
23	10/10/90	13		07:07:16	164.4		07:07:16	Unremarkable
30	10/17/90	6		07:30:28	180.4		07:30:28	Unremarkable
37	10/24/90	3		07:28:14	186.4		07:28:14	Unremarkable
44	10/31/90	6		07:28:24	194.4		07:28:24	Unremarkable
51	11/07/90	3		07:25:18	195.1		07:25:18	Unremarkable
58	11/14/90	3		07:23:18	201.8		07:23:18	Unremarkable
65	11/21/90	6		06:33:36	205.4		06:33:36	Unremarkable
72	11/28/90	13		07:05:46	209.1		07:05:46	Unremarkable
79	12/05/90	5		06:59:58	218.3		06:59:58	Unremarkable
86	12/12/90	3		06:50:10	219.1		06:50:10	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:50:22	219.4		06:50:22	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 54

SEX: Female

TRT#: 9

TRT: 2.00 MG/M3

ANIMAL ID: 54

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:44:06	112.6		07:44:06	Unremarkable
9	09/26/90	6		07:30:20	133.8		07:30:20	Unremarkable
16	10/03/90	6		07:41:46	147.8		07:41:46	Unremarkable
23	10/10/90	13		07:07:36	160.9		07:07:36	Unremarkable
30	10/17/90	6		07:30:46	166.4		07:30:46	Unremarkable
37	10/24/90	3		07:28:28	182.1		07:28:28	Unremarkable
44	10/31/90	6		07:28:36	185.2		07:28:36	Unremarkable
51	11/07/90	3		07:25:30	197.4		07:25:30	Unremarkable
58	11/14/90	3		07:23:30	199.3		07:23:30	Unremarkable
65	11/21/90	6		06:33:48	206.9		06:33:48	Unremarkable
72	11/28/90	13		07:06:00	211.8		07:06:00	Unremarkable
79	12/05/90	5		07:00:22	212.3		07:00:22	Unremarkable
86	12/12/90	3		06:50:24	217.9		06:50:24	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:50:46	221.1		06:50:46	Unremarkable





Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 56

SEX: Female

TRT#: 9

TRT: 2.00 MG/M3

ANIMAL ID: 56

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:44:40	105.4		07:44:40	Unremarkable
9	09/26/90	6		07:31:04	125.5		07:31:04	Unremarkable
16	10/03/90	6		07:42:14	140.1		07:42:14	Unremarkable
23	10/10/90	13		07:08:12	150.4		07:08:12	Unremarkable
30	10/17/90	6		07:31:30	159.1		07:31:30	Unremarkable
37	10/24/90	3		07:28:58	162.6		07:28:58	Unremarkable
44	10/31/90	6		07:29:00	170.4		07:29:00	Unremarkable
51	11/07/90	3		07:25:56	170.3		07:25:56	Unremarkable
58	11/14/90	3		07:24:02	181.8		07:24:02	Unremarkable
65	11/21/90	6		06:34:24	184.4		06:34:24	Unremarkable
72	11/28/90	13		07:06:46	189.1		07:06:46	Unremarkable
79	12/05/90	5		07:00:52	191.2		07:00:52	Unremarkable
86	12/12/90	3		06:50:50	193.2		06:50:50	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:51:40	196.7		06:51:40	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 57

SEX: Female

TRT#: 9

TRT: 2.00 MG/M3

ANIMAL ID: 57

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:44:58	112.1		07:44:58	Unremarkable
9	09/26/90	6		07:31:26	127.6		07:31:26	Unremarkable
16	10/03/90	6		07:42:28	141.1		07:42:28	Unremarkable
23	10/10/90	13		07:08:28	148.4		07:08:28	Unremarkable
30	10/17/90	6		07:31:50	157.9		07:31:50	Unremarkable
37	10/24/90	3		07:29:12	160.2		07:29:12	Unremarkable
44	10/31/90	6		07:29:14	169.8		07:29:14	Unremarkable
51	11/07/90	3		07:26:20	168.9		07:26:20	Unremarkable
58	11/14/90	3		07:24:16	173.2		07:24:16	Unremarkable
65	11/21/90	6		06:34:34	177.0		06:34:34	Unremarkable
72	11/28/90	13		07:07:04	176.6		07:07:04	Unremarkable
79	12/05/90	5		07:01:08	184.7		07:01:08	Unremarkable
86	12/12/90	3		06:51:02	192.1		06:51:02	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:52:00	190.9		06:52:00	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 58

**SEX:** Female

**TRT#:** 9

**TRT:** 2.00 MG/M3

**ANIMAL ID:** 58

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:45:28	106.7		07:45:28	Unremarkable
9	09/26/90	6		07:31:48	127.6		07:31:48	Unremarkable
16	10/03/90	6		07:42:42	149.3		07:42:42	Unremarkable
23	10/10/90	13		07:08:48	160.6		07:08:48	Unremarkable
30	10/17/90	6		07:32:10	175.7		07:32:10	Unremarkable
37	10/24/90	3		07:29:24	185.4		07:29:24	Unremarkable
44	10/31/90	6		07:29:28	195.6		07:29:28	Unremarkable
51	11/07/90	3		07:26:32	196.2		07:26:32	Unremarkable
58	11/14/90	3		07:24:28	200.7		07:24:28	Unremarkable
65	11/21/90	6		06:34:50	202.4		06:34:50	Unremarkable
72	11/28/90	13		07:07:34	210.4		07:07:34	Unremarkable
79	12/05/90	5		07:01:34	210.4		07:01:34	Unremarkable
86	12/12/90	3		06:51:28	218.9		06:51:28	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:52:20	227.1		06:52:20	Unremarkable

**Experiment Number:** 61427-03  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**  
**Test Compound:** Vanadium pentoxide  
**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 02:31:12  
**First Dose M/F:** NA / NA  
**Lab:** IIT

**CAGE:** 59                                  **SEX:** Female                                  **TRT#:** 9                                  **TRT:** 2.00 MG/M3  
**ANIMAL ID:** 59

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:45:42	95.5		07:45:42	Unremarkable
9	09/26/90	6		07:32:02	116.9		07:32:02	Unremarkable
16	10/03/90	6		07:42:54	130.5		07:42:54	Unremarkable
23	10/10/90	13		07:09:02	139.2		07:09:02	Unremarkable
30	10/17/90	6		07:32:30	148.3		07:32:30	Unremarkable
37	10/24/90	3		07:29:36	153.4		07:29:36	Unremarkable
44	10/31/90	6		07:29:40	156.8		07:29:40	Unremarkable
51	11/07/90	3		07:26:48	162.5		07:26:48	Unremarkable
58	11/14/90	3		07:24:42	171.7		07:24:42	Unremarkable
65	11/21/90	6		06:35:04	170.7		06:35:04	Unremarkable
72	11/28/90	13		07:07:50	174.6		07:07:50	Unremarkable
79	12/05/90	5		07:01:48	176.0		07:01:48	Unremarkable
86	12/12/90	3		06:51:46	179.9		06:51:46	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:52:40	183.9		06:52:40	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 60

SEX: Female

TRT#: 9

TRT: 2.00 MG/M3

ANIMAL ID: 60

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:45:56	105.3		07:45:56	Unremarkable
9	09/26/90	6		07:32:18	129.3		07:32:18	Unremarkable
16	10/03/90	6		07:43:12	143.5		07:43:12	Unremarkable
23	10/10/90	13		07:09:20	156.7		07:09:20	Unremarkable
30	10/17/90	6		07:32:56	169.0		07:32:56	Unremarkable
37	10/24/90	3		07:29:50	170.7		07:29:50	Unremarkable
44	10/31/90	6		07:30:02	184.0		07:30:02	Unremarkable
51	11/07/90	3		07:27:02	186.7		07:27:02	Unremarkable
58	11/14/90	3		07:24:56	189.8		07:24:56	Unremarkable
65	11/21/90	6		06:35:18	200.6		06:35:18	Unremarkable
72	11/28/90	13		07:08:24	200.6		07:08:24	Unremarkable
79	12/05/90	5		07:02:12	207.2		07:02:12	Unremarkable
86	12/12/90	3		06:52:02	207.9		06:52:02	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:52:58	215.7		06:52:58	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 71

SEX: Female

TRT#: 10

TRT: 4.00 MG/M3

ANIMAL ID: 71

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:49:44	119.2		07:49:44	Unremarkable
9	09/26/90	6		07:41:32	145.1		07:41:32	Unremarkable
16	10/03/90	6		07:48:12	159.5		07:48:12	Unremarkable
23	10/10/90	13		07:15:28	170.8		07:15:28	Unremarkable
30	10/17/90	6		07:39:06	176.6		07:39:06	Unremarkable
37	10/24/90	3		07:33:42	186.1		07:33:42	Unremarkable
44	10/31/90	6		07:35:36	192.7		07:35:36	Unremarkable
51	11/07/90	3		07:32:06	197.8		07:32:06	Unremarkable
58	11/14/90	3		07:30:20	200.9		07:30:20	Unremarkable
65	11/21/90	6		06:41:14	207.9		06:41:14	Unremarkable
72	11/28/90	13		07:16:54	214.5		07:16:54	Unremarkable
79	12/05/90	5		08:15:12	198.1		08:15:12	Unremarkable
86	12/12/90	3		06:54:16	218.6		06:54:16	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:55:16	216.3		06:55:16	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 72

SEX: Female

TRT#: 10

TRT: 4.00 MG/M3

ANIMAL ID: 72

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:50:18	113.9		07:50:18	Unremarkable
9	09/26/90	6		07:42:14	129.8		07:42:14	Unremarkable
16	10/03/90	6		07:48:32	141.5		07:48:32	Unremarkable
23	10/10/90	13		07:16:10	151.7		07:16:10	Unremarkable
30	10/17/90	6		07:39:32	152.1		07:39:32	Unremarkable
37	10/24/90	3		07:34:02	164.1		07:34:02	Unremarkable
44	10/31/90	6		07:35:54	172.6		07:35:54	Unremarkable
51	11/07/90	3		07:32:24	176.8		07:32:24	Unremarkable
58	11/14/90	3		07:30:34	174.5		07:30:34	Unremarkable
65	11/21/90	6		06:42:42	180.3		06:42:42	Unremarkable
72	11/28/90	13		07:17:34	190.5		07:17:34	Unremarkable
79	12/05/90	5		08:15:28	180.5		08:15:28	Unremarkable
86	12/12/90	3		06:54:30	196.1		06:54:30	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:55:34	199.0		06:55:34	Unremarkable



Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 73

SEX: Female

TRT#: 10

TRT: 4.00 MG/M3

ANIMAL ID: 73

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:50:42	107.1		07:50:42	Unremarkable
9	09/26/90	6		07:42:28	130.2		07:42:28	Unremarkable
16	10/03/90	6		07:48:46	144.9		07:48:46	Unremarkable
23	10/10/90	13		07:16:36	149.5		07:16:36	Unremarkable
30	10/17/90	6		07:39:52	161.9		07:39:52	Unremarkable
37	10/24/90	3		07:34:16	166.3		07:34:16	Unremarkable
44	10/31/90	6		07:36:06	179.2		07:36:06	Unremarkable
51	11/07/90	3		07:32:36	177.6		07:32:36	Unremarkable
58	11/14/90	3		07:30:54	185.0		07:30:54	Unremarkable
65	11/21/90	6		06:42:58	184.8		06:42:58	Unremarkable
72	11/28/90	13		07:17:50	190.2		07:17:50	Unremarkable
79	12/05/90	5		08:15:46	177.5		08:15:46	Unremarkable
86	12/12/90	3		06:54:44	194.6		06:54:44	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:55:54	198.7		06:55:54	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 74

SEX: Female

TRT#: 10

TRT: 4.00 MG/M3

ANIMAL ID: 74

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:50:56	97.0		07:50:56	Unremarkable
9	09/26/90	6		07:42:54	115.8		07:42:54	Unremarkable
16	10/03/90	6		07:49:00	127.7		07:49:00	Unremarkable
23	10/10/90	13		07:16:54	137.5		07:16:54	Unremarkable
30	10/17/90	6		07:40:12	145.8		07:40:12	Unremarkable
37	10/24/90	3		07:34:42	149.4		07:34:42	Unremarkable
44	10/31/90	6		07:36:20	154.0		07:36:20	Unremarkable
51	11/07/90	3		07:32:48	164.6		07:32:48	Unremarkable
58	11/14/90	3		07:31:20	167.8		07:31:20	Unremarkable
65	11/21/90	6		06:43:16	173.8		06:43:16	Unremarkable
72	11/28/90	13		07:18:12	182.4		07:18:12	Unremarkable
79	12/05/90	5		08:16:08	167.7		08:16:08	Unremarkable
86	12/12/90	3		06:55:00	179.0		06:55:00	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:56:16	179.7		06:56:16	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 75

SEX: Female

TRT#: 10

TRT: 4.00 MG/M3

ANIMAL ID: 75

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:51:12	118.6		07:51:12	Unremarkable
9	09/26/90	6		07:43:16	136.6		07:43:16	Unremarkable
16	10/03/90	6		07:49:14	143.9		07:49:14	Unremarkable
23	10/10/90	13		07:17:18	152.3		07:17:18	Unremarkable
30	10/17/90	6		07:40:32	155.4		07:40:32	Unremarkable
37	10/24/90	3		07:35:00	164.4		07:35:00	Unremarkable
44	10/31/90	6		07:36:34	170.6		07:36:34	Unremarkable
51	11/07/90	3		07:33:02	177.7		07:33:02	Unremarkable
58	11/14/90	3		07:31:34	182.7		07:31:34	Unremarkable
65	11/21/90	6		06:43:28	186.8		06:43:28	Unremarkable
72	11/28/90	13		07:18:28	194.3		07:18:28	Unremarkable
79	12/05/90	5		08:16:28	178.8		08:16:28	Unremarkable
86	12/12/90	3		06:55:14	192.9		06:55:14	Unremarkable
			REMOVED ** REASON - TERMINAL SACRIFICE					
92	12/18/90	6		06:56:38	197.5		06:56:38	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 76

SEX: Female

TRT#: 10

TRT: 4.00 MG/M3

ANIMAL ID: 76

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:51:26	103.3		07:51:26	Unremarkable
9	09/26/90	6		07:44:00	123.3		07:44:00	Unremarkable
16	10/03/90	6		07:49:28	135.3		07:49:28	Unremarkable
23	10/10/90	13		07:17:36	145.5		07:17:36	Unremarkable
30	10/17/90	6		07:40:52	154.9		07:40:52	Unremarkable
37	10/24/90	3		07:35:14	161.5		07:35:14	Unremarkable
44	10/31/90	6		07:36:48	169.5		07:36:48	Unremarkable
51	11/07/90	3		07:33:14	178.8		07:33:14	Unremarkable
58	11/14/90	3		07:31:46	183.3		07:31:46	Unremarkable
65	11/21/90	6		06:43:40	188.7		06:43:40	Unremarkable
72	11/28/90	13		07:18:42	193.9		07:18:42	Unremarkable
79	12/05/90	5		08:16:44	184.3		08:16:44	Unremarkable
86	12/12/90	3		06:55:30	194.4		06:55:30	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:57:00	200.1		06:57:00	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 77

SEX: Female

TRT#: 10

TRT: 4.00 MG/M3

ANIMAL ID: 77

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:51:38	113.3		07:51:38	Unremarkable
9	09/26/90	6		07:44:24	131.2		07:44:24	Unremarkable
16	10/03/90	6		07:49:44	142.7		07:49:44	Unremarkable
23	10/10/90	13		07:17:54	155.7		07:17:54	Unremarkable
30	10/17/90	6		07:41:16	169.0		07:41:16	Unremarkable
37	10/24/90	3		07:35:26	175.4		07:35:26	Unremarkable
44	10/31/90	6		07:36:58	175.7		07:36:58	Unremarkable
51	11/07/90	3		07:33:26	187.9		07:33:26	Unremarkable
58	11/14/90	3		07:31:58	191.6		07:31:58	Unremarkable
65	11/21/90	6		06:43:52	193.5		06:43:52	Unremarkable
72	11/28/90	13		07:18:56	203.3		07:18:56	Unremarkable
79	12/05/90	5		08:17:02	191.3		08:17:02	Unremarkable
86	12/12/90	3		06:55:42	200.8		06:55:42	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:57:22	208.7		06:57:22	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 78

SEX: Female

TRT#: 10

TRT: 4.00 MG/M3

ANIMAL ID: 78

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:51:54	110.9		07:51:54	Unremarkable
9	09/26/90	6		07:44:50	129.7		07:44:50	Unremarkable
16	10/03/90	6		07:50:00	135.7		07:50:00	Unremarkable
23	10/10/90	13		07:18:18	147.1		07:18:18	Unremarkable
30	10/17/90	6		07:41:36	149.6		07:41:36	Unremarkable
37	10/24/90	3		07:35:38	158.4		07:35:38	Unremarkable
44	10/31/90	6		07:37:18	164.6		07:37:18	Unremarkable
51	11/07/90	3		07:33:42	166.4		07:33:42	Unremarkable
58	11/14/90	3		07:32:10	173.2		07:32:10	Unremarkable
65	11/21/90	6		06:44:06	178.5		06:44:06	Unremarkable
72	11/28/90	13		07:19:18	180.4		07:19:18	Unremarkable
79	12/05/90	5		08:17:22	168.4		08:17:22	Unremarkable
86	12/12/90	3		06:55:56	186.3		06:55:56	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:57:48	191.3		06:57:48	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 79

**SEX:** Female

**TRT#:** 10

**TRT:** 4.00 MG/M3

**ANIMAL ID:** 79

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:52:12	103.9		07:52:12	Unremarkable
9	09/26/90	6		07:45:38	123.5		07:45:38	Unremarkable
16	10/03/90	6		07:50:16	133.0		07:50:16	Unremarkable
23	10/10/90	13		07:18:40	141.4		07:18:40	Unremarkable
30	10/17/90	6		07:41:56	146.7		07:41:56	Unremarkable
37	10/24/90	3		07:35:54	154.8		07:35:54	Unremarkable
44	10/31/90	6		07:37:34	162.7		07:37:34	Unremarkable
51	11/07/90	3		07:33:56	166.2		07:33:56	Unremarkable
58	11/14/90	3		07:32:22	173.2		07:32:22	Unremarkable
65	11/21/90	6		06:44:18	174.7		06:44:18	Unremarkable
72	11/28/90	13		07:19:28	181.8		07:19:28	Unremarkable
79	12/05/90	5		08:17:34	167.4		08:17:34	Unremarkable
86	12/12/90	3		06:56:10	177.0		06:56:10	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:58:06	184.9		06:58:06	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**  
**Test Compound:** Vanadium pentoxide  
**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

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**CAGE:** 80                      **SEX:** Female                      **TRT#:** 10                      **TRT:** 4.00 MG/M3  
**ANIMAL ID:** 80

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:52:30	107.6		07:52:30	Unremarkable
9	09/26/90	6		07:45:56	128.8		07:45:56	Unremarkable
16	10/03/90	6		07:50:34	139.0		07:50:34	Unremarkable
23	10/10/90	13		07:19:02	146.3		07:19:02	Unremarkable
30	10/17/90	6		07:42:20	150.5		07:42:20	Unremarkable
37	10/24/90	3		07:36:08	158.5		07:36:08	Unremarkable
44	10/31/90	6		07:37:50	160.9		07:37:50	Unremarkable
51	11/07/90	3		07:34:08	166.2		07:34:08	Unremarkable
58	11/14/90	3		07:32:34	171.6		07:32:34	Unremarkable
65	11/21/90	6		06:44:36	174.9		06:44:36	Unremarkable
72	11/28/90	13		07:19:42	184.2		07:19:42	Unremarkable
79	12/05/90	5		08:17:56	171.6		08:17:56	Unremarkable
86	12/12/90	3		06:56:34	182.1		06:56:34	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		06:58:34	185.8		06:58:34	Unremarkable



**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 91

**SEX:** Female

**TRT#:** 11

**TRT:** 8.00 MG/M3

**ANIMAL ID:** 91

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:57:34	118.3		07:57:34	Unremarkable
9	09/26/90	6		07:53:14	135.8		07:53:14	Unremarkable
16	10/03/90	6		07:57:22	150.1		07:57:22	Unremarkable
23	10/10/90	13		07:26:14	159.5		07:26:14	Unremarkable
30	10/17/90	6		07:49:30	166.8		07:49:30	Unremarkable
37	10/24/90	3		07:40:30	173.9		07:40:30	Unremarkable
44	10/31/90	6		07:42:54	182.3		07:42:54	Unremarkable
51	11/07/90	3		07:38:28	187.3		07:38:28	Unremarkable
58	11/14/90	3		07:38:20	195.6		07:38:20	Unremarkable
65	11/21/90	6		06:49:22	195.9		06:49:22	Unremarkable
72	11/28/90	13		07:26:34	199.1		07:26:34	Unremarkable
79	12/05/90	5		08:18:44	181.1		08:18:44	Unremarkable
86	12/12/90	3		06:59:38	201.3		06:59:38	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:01:06	202.8		07:01:06	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 92    SEX: Female    TRT#: 11    TRT: 8.00 MG/M3  
ANIMAL ID: 92

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:57:56	105.1		07:57:56	Unremarkable
9	09/26/90	6		07:53:44	125.8		07:53:44	Unremarkable
16	10/03/90	6		07:57:38	147.9		07:57:38	Unremarkable
23	10/10/90	13		07:26:56	154.5		07:26:56	Unremarkable
30	10/17/90	6		07:50:02	164.9		07:50:02	Unremarkable
37	10/24/90	3		07:40:56	176.4		07:40:56	Unremarkable
44	10/31/90	6		07:43:10	177.4		07:43:10	Unremarkable
51	11/07/90	3		07:38:52	186.4		07:38:52	Unremarkable
58	11/14/90	3		07:39:44	192.2		07:39:44	Unremarkable
65	11/21/90	6		06:49:40	198.7		06:49:40	Unremarkable
72	11/28/90	13		07:26:52	203.3		07:26:52	Unremarkable
79	12/05/90	5		08:21:28	187.2		08:21:28	Unremarkable
86	12/12/90	3		06:59:58	201.0		06:59:58	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:01:32	201.2		07:01:32	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 93

SEX: Female

TRT#: 11

TRT: 8.00 MG/M3

ANIMAL ID: 93

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:58:12	109.2		07:58:12	Unremarkable
9	09/26/90	6		07:53:58	124.1		07:53:58	Unremarkable
16	10/03/90	6		07:57:52	138.5		07:57:52	Unremarkable
23	10/10/90	13		07:27:22	142.8		07:27:22	Unremarkable
30	10/17/90	6		07:50:24	150.9		07:50:24	Unremarkable
37	10/24/90	3		07:41:08	158.0		07:41:08	Unremarkable
44	10/31/90	6		07:43:26	163.6		07:43:26	Unremarkable
51	11/07/90	3		07:39:08	164.8		07:39:08	Unremarkable
58	11/14/90	3		07:39:56	171.6		07:39:56	Unremarkable
65	11/21/90	6		06:49:54	174.2		06:49:54	Unremarkable
72	11/28/90	13		07:27:12	180.8		07:27:12	Unremarkable
79	12/05/90	5		08:21:54	172.8		08:21:54	Unremarkable
86	12/12/90	3		07:00:12	186.6		07:00:12	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:01:52	186.2		07:01:52	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 94

SEX: Female

TRT#: 11

TRT: 8.00 MG/M3

ANIMAL ID: 94

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:58:22	100.5		07:58:22	Unremarkable
9	09/26/90	6		07:54:12	117.3		07:54:12	Unremarkable
16	10/03/90	6		07:58:06	133.2		07:58:06	Unremarkable
23	10/10/90	13		07:27:38	138.8		07:27:38	Unremarkable
30	10/17/90	6		07:50:44	146.3		07:50:44	Unremarkable
37	10/24/90	3		07:41:24	152.8		07:41:24	Unremarkable
44	10/31/90	6		07:43:38	157.9		07:43:38	Unremarkable
51	11/07/90	3		07:39:20	160.3		07:39:20	Unremarkable
58	11/14/90	3		07:40:10	170.3		07:40:10	Unremarkable
65	11/21/90	6		06:50:04	173.1		06:50:04	Unremarkable
72	11/28/90	13		07:27:24	176.0		07:27:24	Unremarkable
79	12/05/90	5		08:22:10	168.1		08:22:10	Unremarkable
86	12/12/90	3		07:00:26	179.3		07:00:26	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:02:10	186.5		07:02:10	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 95

SEX: Female

TRT#: 11

TRT: 8.00 MG/M3

ANIMAL ID: 95

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		07:59:50	103.3		07:59:50	Unremarkable
9	09/26/90	6		07:54:30	120.8		07:54:30	Unremarkable
16	10/03/90	6		07:58:20	129.3		07:58:20	Unremarkable
23	10/10/90	13		07:28:06	135.5		07:28:06	Unremarkable
30	10/17/90	6		07:51:04	141.1		07:51:04	Unremarkable
37	10/24/90	3		07:41:38	147.9		07:41:38	Unremarkable
44	10/31/90	6		07:43:54	154.5		07:43:54	Unremarkable
51	11/07/90	3		07:39:32	160.0		07:39:32	Unremarkable
58	11/14/90	3		07:40:24	161.7		07:40:24	Unremarkable
65	11/21/90	6		06:50:18	168.7		06:50:18	Unremarkable
72	11/28/90	13		07:27:50	169.5		07:27:50	Unremarkable
79	12/05/90	5		08:22:36	161.3		08:22:36	Unremarkable
86	12/12/90	3		07:00:44	173.8		07:00:44	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:02:40	178.4		07:02:40	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 96

SEX: Female

TRT#: 11

TRT: 8.00 MG/M3

ANIMAL ID: 96

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:01:04	110.9		08:01:04	Unremarkable
9	09/26/90	6		07:54:48	125.0		07:54:48	Unremarkable
16	10/03/90	6		07:58:44	130.9		07:58:44	Unremarkable
23	10/10/90	13		07:28:32	132.9		07:28:32	Unremarkable
30	10/17/90	6		07:51:24	139.2		07:51:24	Unremarkable
37	10/24/90	3		07:41:56	146.4		07:41:56	Unremarkable
44	10/31/90	6		07:44:06	147.0		07:44:06	Unremarkable
51	11/07/90	3		07:39:44	149.4		07:39:44	Unremarkable
58	11/14/90	3		07:40:38	152.8		07:40:38	Unremarkable
65	11/21/90	6		06:50:30	158.5		06:50:30	Unremarkable
72	11/28/90	13		07:28:04	162.0		07:28:04	Unremarkable
79	12/05/90	5		08:22:50	150.8		08:22:50	Unremarkable
86	12/12/90	3		07:00:56	166.8		07:00:56	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:03:02	169.6		07:03:02	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:12

First Dose M/F: NA / NA

Lab: IIT

CAGE: 97

SEX: Female

TRT#: 11

TRT: 8.00 MG/M3

ANIMAL ID: 97

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:01:52	114.2		08:01:52	Unremarkable
9	09/26/90	6		07:55:04	132.5		07:55:04	Unremarkable
16	10/03/90	6		07:59:02	150.9		07:59:02	Unremarkable
23	10/10/90	13		07:28:58	159.1		07:28:58	Unremarkable
30	10/17/90	6		07:51:42	168.7		07:51:42	Unremarkable
37	10/24/90	3		07:42:10	177.7		07:42:10	Unremarkable
44	10/31/90	6		07:44:18	182.7		07:44:18	Unremarkable
51	11/07/90	3		07:39:58	194.0		07:39:58	Unremarkable
58	11/14/90	3		07:40:50	195.9		07:40:50	Unremarkable
65	11/21/90	6		06:50:42	202.1		06:50:42	Unremarkable
72	11/28/90	13		07:28:16	211.2		07:28:16	Unremarkable
79	12/05/90	5		08:23:08	194.4		08:23:08	Unremarkable
86	12/12/90	3		07:01:10	210.3		07:01:10	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:03:20	215.3		07:03:20	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 98

**SEX:** Female

**TRT#:** 11

**TRT:** 8.00 MG/M3

**ANIMAL ID:** 98

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:02:42	103.9		08:02:42	Unremarkable
9	09/26/90	6		07:55:20	122.4		07:55:20	Unremarkable
16	10/03/90	6		07:59:20	136.4		07:59:20	Unremarkable
23	10/10/90	13		07:29:22	139.0		07:29:22	Unremarkable
30	10/17/90	6		07:52:04	147.8		07:52:04	Unremarkable
37	10/24/90	3		07:42:28	153.5		07:42:28	Unremarkable
44	10/31/90	6		07:44:32	157.0		07:44:32	Unremarkable
51	11/07/90	3		07:40:16	160.2		07:40:16	Unremarkable
58	11/14/90	3		07:41:02	161.8		07:41:02	Unremarkable
65	11/21/90	6		06:50:56	168.6		06:50:56	Unremarkable
72	11/28/90	13		07:28:30	171.4		07:28:30	Unremarkable
79	12/05/90	5		08:23:28	161.4		08:23:28	Unremarkable
86	12/12/90	3		07:01:24	170.7		07:01:24	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:03:48	177.4		07:03:48	Unremarkable



**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 99

**SEX:** Female

**TRT#:** 11

**TRT:** 8.00 MG/M3

**ANIMAL ID:** 99

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:03:18	111.2		08:03:18	Unremarkable
9	09/26/90	6		07:55:36	127.1		07:55:36	Unremarkable
16	10/03/90	6		07:59:34	139.7		07:59:34	Unremarkable
23	10/10/90	13		07:29:44	145.1		07:29:44	Unremarkable
30	10/17/90	6		07:52:22	153.9		07:52:22	Unremarkable
37	10/24/90	3		07:42:40	160.9		07:42:40	Unremarkable
44	10/31/90	6		07:44:48	167.4		07:44:48	Unremarkable
51	11/07/90	3		07:40:30	174.2		07:40:30	Unremarkable
58	11/14/90	3		07:41:18	172.7		07:41:18	Unremarkable
65	11/21/90	6		06:51:10	183.9		06:51:10	Unremarkable
72	11/28/90	13		07:28:42	186.3		07:28:42	Unremarkable
79	12/05/90	5		08:23:44	172.2		08:23:44	Unremarkable
86	12/12/90	3		07:01:38	187.7		07:01:38	Unremarkable
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:04:08	193.7		07:04:08	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:12

**First Dose M/F:** NA / NA

**Lab:** IIT

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**CAGE:** 100                                      **SEX:** Female                                      **TRT#:** 11                                      **TRT:** 8.00 MG/M3  
**ANIMAL ID:** 100

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:04:22	101.8		08:04:22	Unremarkable
9	09/26/90	6		07:55:50	121.7		07:55:50	Unremarkable
16	10/03/90	6		07:59:52	134.2		07:59:52	Unremarkable
23	10/10/90	13		07:30:04	143.4		07:30:04	Unremarkable
30	10/17/90	6		07:52:46	150.8		07:52:46	Unremarkable
37	10/24/90	3		07:42:52	153.6		07:42:52	Unremarkable
44	10/31/90	6		07:45:02	157.4		07:45:02	Unremarkable
51	11/07/90	3		07:40:46	162.1		07:40:46	Unremarkable
58	11/14/90	3		07:41:32	168.0		07:41:32	Unremarkable
65	11/21/90	6		06:51:22	173.0		06:51:22	Unremarkable
72	11/28/90	13		07:28:56	168.6		07:28:56	Unremarkable
79	12/05/90	5		08:24:00	155.6		08:24:00	Unremarkable
86	12/12/90	3		07:01:54	174.5		07:01:54	Unremarkable
REMOVED ** REASON - TERMINAL SACRIFICE								
92	12/18/90	6		07:04:26	177.6		07:04:26	Unremarkable

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**  
**Test Compound:** Vanadium pentoxide  
**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:13

**First Dose M/F:** NA / NA

**Lab:** IIT

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<b>CAGE:</b> 111	<b>SEX:</b> Female	<b>TRT#:</b> 12	<b>TRT:</b> 16.00 MG/M3
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**ANIMAL ID:** 111

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:09:32	109.9		08:09:32	Unremarkable
9	09/26/90	6		08:01:34	119.2		08:01:34	Unremarkable
16	10/03/90	6		08:07:42	119.6		08:07:42	Unremarkable
23	10/10/90	13		07:35:56	131.4		07:35:56	Unremarkable
30	10/17/90	6		07:58:28	136.0		07:58:28	Unremarkable
37	10/24/90	3		07:47:12	139.9		07:47:12	Unremarkable
44	10/31/90	6		07:51:10	140.8		07:51:10	Thin
51	11/07/90	3		07:47:08	148.8		07:47:08	Unremarkable
58	11/14/90	3		07:47:28	149.8		07:47:28	Abnormal Breathing Thin
65	11/21/90	6		06:56:06	154.3		06:56:06	Abnormal Breathing
72	11/28/90	13		07:37:10	161.6		07:37:10	Abnormal Breathing
79	12/05/90	5		08:26:24	143.7		08:26:24	Abnormal Breathing Lethargic Thin
86	12/12/90	3		07:06:56	149.6		07:06:56	Abnormal Breathing Lethargic Thin
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:06:22	131.2		07:06:22	Abnormal Breathing Abnormal Posture Ruffled Fur Thin Tremors

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:13

First Dose M/F: NA / NA

Lab: IIT

CAGE: 112    SEX: Female    TRT#: 12    TRT: 16.00 MG/M3  
ANIMAL ID: 112

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:10:00	105.8		08:10:00	Unremarkable
9	09/26/90	6		08:01:58	116.3		08:01:58	Unremarkable
16	10/03/90	6		08:08:14	122.4		08:08:14	Unremarkable
23	10/10/90	13		07:36:18	130.1		07:36:18	Unremarkable
30	10/17/90	6		07:59:12	134.5		07:59:12	Unremarkable
37	10/24/90	3		07:47:34	138.4		07:47:34	Unremarkable
44	10/31/90	6		07:51:34	141.6		07:51:34	Unremarkable
51	11/07/90	3		07:47:26	145.6		07:47:26	Unremarkable
58	11/14/90	3		07:48:04	139.5		07:48:04	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
65	11/21/90	6		06:56:48	133.1		06:56:48	Abnormal Breathing Abnormal Posture Lethargic Thin
72	11/28/90	13		07:38:08	132.7		07:38:08	Abnormal Breathing Abnormal Posture Lethargic Thin
79	12/05/90	5		08:26:48	117.0		08:26:48	Abnormal Breathing Abnormal Posture Lethargic Thin
86	12/12/90	3		07:07:56	118.0		07:07:56	Abnormal Breathing Abnormal Posture Lethargic Thin
91	12/17/90	6	REMOVED ** REASON - NATURAL DEATH	15:30:00	101.2		15:30:00	Unremarkable

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:13

First Dose M/F: NA / NA

Lab: IIT

CAGE: 113                                  SEX: Female                                  TRT#: 12                                  TRT: 16.00 MG/M3  
ANIMAL ID: 113

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:10:14	100.9		08:10:14	Unremarkable
9	09/26/90	6		08:02:10	115.1		08:02:10	Unremarkable
16	10/03/90	6		08:08:28	115.8		08:08:28	Unremarkable
23	10/10/90	13		07:36:34	132.5		07:36:34	Unremarkable
30	10/17/90	6		07:59:28	137.1		07:59:28	Unremarkable
37	10/24/90	3		07:47:46	147.5		07:47:46	Unremarkable
44	10/31/90	6		07:51:54	147.1		07:51:54	Unremarkable
51	11/07/90	3		07:47:44	149.2		07:47:44	Unremarkable
58	11/14/90	3		07:48:36	150.2		07:48:36	Abnormal Breathing
65	11/21/90	6		06:57:04	154.6		06:57:04	Abnormal Breathing
72	11/28/90	13		07:38:48	163.5		07:38:48	Abnormal Breathing
79	12/05/90	5		08:27:32	148.7		08:27:32	Abnormal Breathing
86	12/12/90	3		07:08:20	153.4		07:08:20	Abnormal Breathing Thin
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:10:28	141.3		07:10:28	Abnormal Breathing Abnormal Posture Thin



**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:13

**First Dose M/F:** NA / NA

**Lab:** IIT

**CAGE:** 115

**SEX:** Female

**TRT#:** 12

**TRT:** 16.00 MG/M3

**ANIMAL ID:** 115

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:11:06	105.5		08:11:06	Unremarkable
9	09/26/90	6		08:02:42	117.9		08:02:42	Unremarkable
16	10/03/90	6		08:09:00	129.9		08:09:00	Unremarkable
23	10/10/90	13		07:37:10	136.7		07:37:10	Unremarkable
30	10/17/90	6		08:00:22	142.6		08:00:22	Unremarkable
37	10/24/90	3		07:48:20	147.0		07:48:20	Unremarkable
44	10/31/90	6		07:52:24	150.5		07:52:24	Unremarkable
51	11/07/90	3		07:48:16	143.5		07:48:16	Lethargic
58	11/14/90	3		07:49:20	122.7		07:49:20	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
62	11/18/90	14	REMOVED ** REASON - NATURAL DEATH	09:15:00	101.8		09:15:00	Diarrhea Nasal/Eye Discharge Thin

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:13

First Dose M/F: NA / NA

Lab: IIT

CAGE: 116

SEX: Female

TRT#: 12

TRT: 16.00 MG/M3

ANIMAL ID: 116

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:11:24	110.7		08:11:24	Unremarkable
9	09/26/90	6		08:03:14	122.2		08:03:14	Unremarkable
16	10/03/90	6		08:09:12	124.6		08:09:12	Unremarkable
23	10/10/90	13		07:37:26	135.6		07:37:26	Unremarkable
30	10/17/90	6		08:00:42	137.6		08:00:42	Unremarkable
37	10/24/90	3		07:48:34	145.9		07:48:34	Unremarkable
44	10/31/90	6		07:52:34	150.4		07:52:34	Unremarkable
51	11/07/90	3		07:48:30	150.3		07:48:30	Unremarkable
58	11/14/90	3		07:49:46	148.0		07:49:46	Abnormal Breathing
65	11/21/90	6		06:57:48	145.9		06:57:48	Abnormal Breathing Thin
72	11/28/90	13		07:39:38	148.6		07:39:38	Abnormal Breathing Thin
79	12/05/90	5		08:28:26	132.1		08:28:26	Abnormal Breathing Nasal/Eye Discharge Thin
86	12/12/90	3		07:09:30	134.6		07:09:30	Abnormal Breathing Thin
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:11:54	116.0		07:11:54	Abnormal Breathing Thin





Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:13

First Dose M/F: NA / NA

Lab: IIT

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<b>CAGE:</b> 118	<b>SEX:</b> Female	<b>TRT#:</b> 12	<b>TRT:</b> 16.00 MG/M3
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**ANIMAL ID:** 118

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:12:04	104.0		08:12:04	Unremarkable
9	09/26/90	6		08:03:42	115.2		08:03:42	Unremarkable
16	10/03/90	6		08:09:48	129.5		08:09:48	Unremarkable
23	10/10/90	13		07:38:22	139.8		07:38:22	Unremarkable
30	10/17/90	6		08:01:20	140.2		08:01:20	Unremarkable
37	10/24/90	3		07:49:04	145.8		07:49:04	Unremarkable
44	10/31/90	6		07:53:06	142.8		07:53:06	Unremarkable
51	11/07/90	3		07:49:02	147.1		07:49:02	Unremarkable
58	11/14/90	3		07:50:24	133.4		07:50:24	Abnormal Breathing Abnormal Posture Lethargic Thin
65	11/21/90	6		06:58:36	118.8		06:58:36	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
72	11/28/90	13		07:40:14	131.9		07:40:14	Abnormal Breathing Abnormal Posture Lethargic Ruffled Fur Thin
79	12/05/90	5		08:29:54	117.1		08:29:54	Abnormal Breathing Abnormal Posture Lethargic Nasal/Eye Discharge Ruffled Fur Thin
80	12/06/90	14		15:45:00	100.1		15:45:00	Abnormal Breathing Abnormal Posture

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**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:13

**First Dose M/F:** NA / NA

**Lab:** IIT

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**CAGE:** 118

**SEX:** Female

**TRT#:** 12

**TRT:** 16.00 MG/M3

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**ANIMAL ID:** 118

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<b>DAY</b>	<b>DATE</b>	<b>OP ID</b>	<b>DOSE TIME</b>	<b>WEIGHT TIME</b>	<b>WT (g)</b>	<b>WEIGHT STATUS</b>	<b>OBS TIME</b>	<b>OBSERVATIONS</b>
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Diarrhea  
Lethargic  
Ruffled Fur  
Thin

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

E12:ANIMAL HISTORY

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:13

First Dose M/F: NA / NA

Lab: IIT

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CAGE: 119	SEX: Female	TRT#: 12	TRT: 16.00 MG/M3
ANIMAL ID: 119			

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DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:12:22	114.9		08:12:22	Unremarkable
9	09/26/90	6		08:04:02	119.8		08:04:02	Unremarkable
16	10/03/90	6		08:10:08	129.8		08:10:08	Unremarkable
23	10/10/90	13		07:38:44	137.2		07:38:44	Unremarkable
30	10/17/90	6		08:01:40	141.0		08:01:40	Unremarkable
37	10/24/90	3		07:49:18	144.0		07:49:18	Unremarkable
44	10/31/90	6		07:53:22	138.1		07:53:22	Thin
51	11/07/90	3		07:49:14	144.9		07:49:14	Unremarkable
58	11/14/90	3		07:50:46	140.1		07:50:46	Abnormal Breathing Abnormal Posture
65	11/21/90	6		06:58:54	134.0		06:58:54	Abnormal Breathing Abnormal Posture Thin
72	11/28/90	13		07:40:40	133.1		07:40:40	Abnormal Breathing Abnormal Posture Thin
79	12/05/90	5		08:30:32	116.7		08:30:32	Abnormal Breathing Abnormal Posture Nasal/Eye Discharge Thin
86	12/12/90	3		07:10:18	122.8		07:10:18	Abnormal Breathing Abnormal Posture Thin
	REMOVED ** REASON - TERMINAL SACRIFICE							
92	12/18/90	6		07:12:52	106.1		07:12:52	Abnormal Breathing Abnormal Posture Thin

Experiment Number: 61427-03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

**E12:ANIMAL HISTORY**

Test Compound: Vanadium pentoxide

CAS Number: 1314-62-1

Date Report Requested: 10/23/2014

Time Report Requested: 02:31:13

First Dose M/F: NA / NA

Lab: IIT

**CAGE:** 120    **SEX:** Female    **TRT#:** 12    **TRT:** 16.00 MG/M3  
**ANIMAL ID:** 120

DAY	DATE	OP ID	DOSE TIME	WEIGHT TIME	WT (g)	WEIGHT STATUS	OBS TIME	OBSERVATIONS
1	09/18/90	6		08:12:44	118.2		08:12:44	Unremarkable
9	09/26/90	6		08:04:20	125.4		08:04:20	Unremarkable
16	10/03/90	6		08:10:24	126.7		08:10:24	Unremarkable
23	10/10/90	13		07:39:00	136.8		07:39:00	Unremarkable
30	10/17/90	6		08:02:02	142.0		08:02:02	Unremarkable
37	10/24/90	3		07:49:32	144.0		07:49:32	Unremarkable
44	10/31/90	6		07:53:38	145.9		07:53:38	Unremarkable
51	11/07/90	3		07:49:28	143.7		07:49:28	Unremarkable
58	11/14/90	3		07:51:08	143.9		07:51:08	Abnormal Breathing Abnormal Posture
65	11/21/90	6		06:59:16	142.3		06:59:16	Abnormal Breathing Abnormal Posture Ruffled Fur Thin
72	11/28/90	13		07:41:02	142.0		07:41:02	Abnormal Breathing Abnormal Posture Ruffled Fur Thin
79	12/05/90	5		08:31:10	127.3		08:31:10	Abnormal Breathing Abnormal Posture Nasal/Eye Discharge Ruffled Fur Thin
86	12/12/90	3		07:10:44	119.8		07:10:44	Abnormal Breathing Abnormal Posture Thin
92	12/18/90	6	REMOVED ** REASON - TERMINAL SACRIFICE	07:13:18	104.5		07:13:18	Abnormal Breathing Abnormal Posture Ruffled Fur Thin

**Experiment Number:** 61427-03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

**E12:ANIMAL HISTORY**

**Test Compound:** Vanadium pentoxide

**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 02:31:13

**First Dose M/F:** NA / NA

**Lab:** IIT

**\*\* END OF REPORT \*\***