

**Experiment Number:** 05068-03

**Test Type:** 90-DAY

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

**E05: CLINICAL OBSERVATIONS SUMMARY**

**Test Compound:** Codeine

**CAS Number:** 76-57-3

**Date Report Requested:** 10/24/2014

**Time Report Requested:** 04:48:45

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

**Lab:** TSI MASON

<b>C Number:</b>	C61541A
<b>Lock Date:</b>	Not Entered.
<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: 05068-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

E05: CLINICAL OBSERVATIONS SUMMARY

Test Compound: Codeine

CAS Number: 76-57-3

Date Report Requested: 10/24/2014

Time Report Requested: 04:48:45

First Dose M/F: NA / NA

Lab: TSI MASON

SEX :MALE WEEK: 14

OBSERVATIONS	0 PPM MALE		390 PPM MALE		781 PPM MALE		1562 PPM MALE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Head	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Emaciated	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Reddened Eye	0 / 0	1 / 10 DAY 36	0 / 0	1 / 10 DAY 92	0 / 0	0 / 10	0 / 0	1 / 10 DAY 50
Ruffled Fur	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 05068-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

E05: CLINICAL OBSERVATIONS SUMMARY

Test Compound: Codeine

CAS Number: 76-57-3

Date Report Requested: 10/24/2014

Time Report Requested: 04:48:45

First Dose M/F: NA / NA

Lab: TSI MASON

SEX :MALE WEEK: 14

OBSERVATIONS	3125 PPMMALE		6250 PPMMALE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Head	0 / 0	0 / 10	0 / 0	1 / 10 DAY 15
Emaciated	0 / 0	1 / 10 DAY 8	0 / 0	9 / 10 DAY 8
Reddened Eye	0 / 0	0 / 10	0 / 0	2 / 10 DAY 36
Ruffled Fur	0 / 0	0 / 10	0 / 0	10 / 10 DAY 8

\*\*\*END OF MALE DATA\*\*\*

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 05068-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

E05: CLINICAL OBSERVATIONS SUMMARY

Test Compound: Codeine

CAS Number: 76-57-3

Date Report Requested: 10/24/2014

Time Report Requested: 04:48:45

First Dose M/F: NA / NA

Lab: TSI MASON

SEX :FEMALE WEEK: 14

OBSERVATIONS	0 PPM FEMALE		390 PPM FEMALE		781 PPM FEMALE		1562 PPM FEMALE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abnormal Posture	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Body Dorsal	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 71
Alopecia Entire Animal	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Head	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Emaciated	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	7 / 10 DAY 78	0 / 0	6 / 10 DAY 64
Hyperactive	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Override	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 8
Pallor	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 05068-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

E05: CLINICAL OBSERVATIONS SUMMARY

Test Compound: Codeine

CAS Number: 76-57-3

Date Report Requested: 10/24/2014

Time Report Requested: 04:48:46

First Dose M/F: NA / NA

Lab: TSI MASON

SEX :FEMALE

WEEK: 14

OBSERVATIONS	0 PPM FEMALE		390 PPM FEMALE		781 PPM FEMALE		1562 PPM FEMALE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Reddened Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Ruffled Fur	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	4 / 10 DAY 78	0 / 0	0 / 10
Urine Stain	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 05068-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

E05: CLINICAL OBSERVATIONS SUMMARY

Test Compound: Codeine

CAS Number: 76-57-3

Date Report Requested: 10/24/2014

Time Report Requested: 04:48:46

First Dose M/F: NA / NA

Lab: TSI MASON

SEX :FEMALE WEEK: 14

OBSERVATIONS	3125 PPMFEMALE		6250 PPMFEMALE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abnormal Posture	0 / 0	5 / 10 DAY 29	0 / 0	10 / 10 DAY 8
Alopecia Body Dorsal	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Entire Animal	0 / 0	10 / 10 DAY 3	0 / 0	10 / 10 DAY 3
Alopecia Head	0 / 0	0 / 10	0 / 0	2 / 10 DAY 15
Emaciated	0 / 0	10 / 10 DAY 8	0 / 0	10 / 10 DAY 8
Hyperactive	0 / 0	2 / 10 DAY 22	0 / 0	1 / 10 DAY 29
Override	0 / 0	0 / 10	0 / 0	1 / 10 DAY 22
Pallor	0 / 0	0 / 10	0 / 0	1 / 10 DAY 71

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 05068-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**E05: CLINICAL OBSERVATIONS SUMMARY**

Test Compound: Codeine

CAS Number: 76-57-3

Date Report Requested: 10/24/2014

Time Report Requested: 04:48:46

First Dose M/F: NA / NA

Lab: TSI MASON

SEX :FEMALE WEEK: 14

OBSERVATIONS	3125 PPMFEMALE		6250 PPMFEMALE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Reddened Eye	0 / 0	3 / 10 DAY 64	0 / 0	0 / 10
Ruffled Fur	0 / 0	10 / 10 DAY 29	0 / 0	10 / 10 DAY 29
Urine Stain	0 / 0	0 / 10	0 / 0	1 / 10 DAY 8

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

**Experiment Number:** 05068-03

**Test Type:** 90-DAY

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

**E05: CLINICAL OBSERVATIONS SUMMARY**

**Test Compound:** Codeine

**CAS Number:** 76-57-3

**Date Report Requested:** 10/24/2014

**Time Report Requested:** 04:48:46

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

**Lab:** TSI MASON

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

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET