

Experiment Number: C20605-02

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

C Number:

C20605-02

Cage Range:

All

Date Range:

All

Reasons For Removal:

All

Removal Date Range:

All

Treatment Groups:

All

Study Gender:

Both

PA06: Organ Weights Summary

Test Compound: Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/01/2017

Time Report Requested: 11:55:31

Lab: NTP

Experiment Number: C20605-02

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PA06: Organ Weights Summary

Test Compound: Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/01/2017

Time Report Requested: 11:55:31

Lab: NTP

Males: Day 28 Males

	Treatment Groups (mg/kg)					
	0	15.5	31	62.5	125	250
Terminal Body Wt.	27.6 ± 1.0 (5)	26.5 ± 0.8 (5)	27.3 ± 0.9 (5)	28.2 ± 0.7 (5)	27.7 ± 0.6 (5)	29.3 ± 1.9 (5)
Heart						
Absolute (g)	0.17 ± 0.02 (5)	0.19 ± 0.01 (5)	0.20 ± 0.02 (5)	0.18 ± 0.01 (5)	0.19 ± 0.01 (5)	0.20 ± 0.01 (5)
Relative (mg/g)	6.27 ± 0.40 (5)	7.02 ± 0.26 (5)	7.28 ± 0.34 (5)	6.52 ± 0.37 (5)	6.71 ± 0.29 (5)	7.10 ± 0.69 (5)
R. Kidney						
Absolute (g)	0.24 ± 0.01 (5)	0.22 ± 0.01 (5)	0.24 ± 0.01 (5)	0.24 ± 0.01 (5)	0.24 ± 0.01 (5)	0.25 ± 0.01 (5)
Relative (mg/g)	8.63 ± 0.26 (5)	8.30 ± 0.30 (5)	8.69 ± 0.15 (5)	8.59 ± 0.26 (5)	8.58 ± 0.21 (5)	8.58 ± 0.24 (5)
Liver						
Absolute (g)	1.30 ± 0.05 (5)	1.26 ± 0.03 (5)	1.31 ± 0.04 (5)	1.32 ± 0.05 (5)	1.34 ± 0.03 (5)	1.42 ± 0.10 (5)
Relative (mg/g)	47.31 ± 0.52 (5)	47.76 ± 0.43 (5)	48.08 ± 0.19 (5)	46.79 ± 0.72 (5)	48.18 ± 0.73 (5)	48.22 ± 1.37 (5)
Lung						
Absolute (g)	0.26 ± 0.04 (5)	0.27 ± 0.01 (5)	0.28 ± 0.01 (5)	0.28 ± 0.02 (5)	0.23 ± 0.01 (5)	0.30 ± 0.02 (5)
Relative (mg/g)	9.22 ± 1.20 (5)	10.07 ± 0.41 (5)	10.32 ± 0.49 (5)	9.88 ± 0.61 (5)	8.42 ± 0.45 (5)	10.43 ± 0.96 (5)
R. Testis						
Absolute (g)	0.107 ± 0.002 (5)	0.102 ± 0.003 (5)	0.104 ± 0.004 (5)	0.112 ± 0.002 (5)	0.109 ± 0.001 (5)	0.110 ± 0.003 (5)
Relative (mg/g)	3.91 ± 0.13 (5)	3.87 ± 0.06 (5)	3.80 ± 0.12 (5)	3.99 ± 0.10 (5)	3.92 ± 0.05 (5)	3.79 ± 0.17 (5)
Thymus						
Absolute (g)	0.047 ± 0.003 (5)	0.044 ± 0.002 (5)	0.045 ± 0.002 (5)	0.050 ± 0.003 (5)	0.043 ± 0.003 (5)	0.046 ± 0.003 (5)
Relative (mg/g)	1.72 ± 0.08 (5)	1.65 ± 0.11 (5)	1.63 ± 0.05 (5)	1.78 ± 0.09 (5)	1.54 ± 0.09 (5)	1.57 ± 0.02 (5)

Experiment Number: C20605-02

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary

Test Compound: Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/01/2017

Time Report Requested: 11:55:31

Lab: NTP

Females: Day 28 Females

	Treatment Groups (mg/kg)					
	0	15.5	31	62.5	125	250
Terminal Body Wt.	21.6 ± 0.2 (5)	21.3 ± 0.3 (5)	21.7 ± 0.4 (5)	21.5 ± 0.6 (5)	22.7 ± 0.7 (5)	22.3 ± 0.6 (5)
Heart						
Absolute (g)	0.14 ± 0.01 (5)	0.15 ± 0.01 (5)	0.14 ± 0.01 (5)	0.13 ± 0.01 (5)	0.12 ± 0.01 (5)	0.16 ± 0.01 (5)
Relative (mg/g)	6.59 ± 0.31 (5)	7.05 ± 0.40 (5)	6.68 ± 0.56 (5)	6.21 ± 0.31 (5)	5.38 ± 0.57 (5)	6.98 ± 0.20 (5)
R. Kidney						
Absolute (g)	0.15 ± 0.00 (5)	0.14 ± 0.01 (5)	0.15 ± 0.00 (5)	0.15 ± 0.00 (5)	0.16 ± 0.00 (5)	0.15 ± 0.01 (5)
Relative (mg/g)	6.77 ± 0.09 (5)	6.48 ± 0.22 (5)	6.84 ± 0.19 (5)	6.79 ± 0.14 (5)	6.87 ± 0.06 (5)	6.53 ± 0.13 (5)
Liver						
Absolute (g)	1.08 ± 0.04 (5)	1.00 ± 0.02 (5)	1.03 ± 0.03 (5)	0.99 ± 0.03 (5)	1.14 ± 0.06 (5)	1.13 ± 0.04 (5)
Relative (mg/g)	50.26 ± 1.48 (5)	47.01 ± 1.11 (5)	47.42 ± 1.50 (5)	46.00 ± 0.63 (5)	49.95 ± 1.27 (5)	50.54 ± 0.98 (5)
Lung						
Absolute (g)	0.21 ± 0.01 (5)	0.23 ± 0.02 (5)	0.21 ± 0.01 (5)	0.21 ± 0.01 (5)	0.20 ± 0.02 (5)	0.22 ± 0.02 (5)
Relative (mg/g)	9.92 ± 0.54 (5)	11.00 ± 0.82 (5)	9.64 ± 0.68 (5)	9.95 ± 0.61 (5)	9.01 ± 0.85 (5)	9.76 ± 0.79 (5)
Thymus						
Absolute (g)	0.052 ± 0.003 (5)	0.055 ± 0.002 (5)	0.053 ± 0.001 (5)	0.053 ± 0.002 (5)	0.043 ± 0.003 (5)	0.060 ± 0.002 (5)
Relative (mg/g)	2.40 ± 0.15 (5)	2.57 ± 0.11 (5)	2.44 ± 0.05 (5)	2.49 ± 0.10 (5)	1.91 ± 0.13 (5) *	2.67 ± 0.09 (5)

Experiment Number: C20605-02

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary

Test Compound: Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/01/2017

Time Report Requested: 11:55:31

Lab: NTP

Males: Day 92 Males

	Treatment Groups (mg/kg)					
	0	15.5	31	62.5	125	250
Terminal Body Wt.	34.6 ± 1.4 (10)	35.4 ± 0.7 (10)	36.7 ± 1.0 (10)	35.7 ± 1.0 (10)	35.9 ± 1.3 (10)	34.9 ± 1.5 (10)
Heart						
Absolute (g)	0.18 ± 0.01 (10)	0.18 ± 0.01 (10)	0.20 ± 0.01 (10)	0.19 ± 0.01 (10)	0.17 ± 0.01 (10)	0.18 ± 0.01 (10)
Relative (mg/g)	5.36 ± 0.31 (10)	5.01 ± 0.18 (10)	5.45 ± 0.18 (10)	5.33 ± 0.25 (10)	4.87 ± 0.19 (10)	5.17 ± 0.27 (10)
R. Kidney						
Absolute (g)	0.27 ± 0.01 (10)	0.28 ± 0.01 (10)	0.28 ± 0.01 (10)	0.28 ± 0.00 (10)	0.28 ± 0.01 (10)	0.27 ± 0.01 (10)
Relative (mg/g)	7.94 ± 0.19 (10)	7.95 ± 0.16 (10)	7.56 ± 0.17 (10)	7.86 ± 0.13 (10)	7.79 ± 0.18 (10)	7.76 ± 0.17 (10)
Liver						
Absolute (g)	1.42 ± 0.06 (10)	1.45 ± 0.03 (10)	1.45 ± 0.03 (10)	1.44 ± 0.04 (10)	1.46 ± 0.07 (10)	1.51 ± 0.10 (10)
Relative (mg/g)	41.00 ± 0.90 (10)	40.97 ± 0.70 (10)	39.64 ± 0.96 (10)	40.47 ± 0.53 (10)	40.66 ± 0.69 (10)	42.85 ± 1.03 (10)
Lung						
Absolute (g)	0.25 ± 0.03 (10)	0.22 ± 0.01 (10)	0.25 ± 0.02 (10)	0.26 ± 0.02 (10)	0.23 ± 0.01 (10)	0.24 ± 0.01 (10)
Relative (mg/g)	7.25 ± 0.62 (10)	6.23 ± 0.28 (10)	6.80 ± 0.39 (10)	7.25 ± 0.42 (10)	6.48 ± 0.25 (10)	7.00 ± 0.62 (10)
R. Testis						
Absolute (g)	0.113 ± 0.003 (10)	0.113 ± 0.002 (10)	0.117 ± 0.002 (10)	0.112 ± 0.001 (10)	0.117 ± 0.002 (10)	0.108 ± 0.003 (10)
Relative (mg/g)	3.31 ± 0.14 (10)	3.21 ± 0.09 (10)	3.21 ± 0.08 (10)	3.16 ± 0.07 (10)	3.29 ± 0.09 (10)	3.15 ± 0.15 (10)
Thymus						
Absolute (g)	0.043 ± 0.003 (10)	0.043 ± 0.003 (10)	0.048 ± 0.002 (10)	0.048 ± 0.004 (10)	0.044 ± 0.004 (10)	0.047 ± 0.007 (10)
Relative (mg/g)	1.24 ± 0.07 (10)	1.21 ± 0.07 (10)	1.30 ± 0.04 (10)	1.33 ± 0.09 (10)	1.20 ± 0.09 (10)	1.31 ± 0.14 (10)

Experiment Number: C20605-02

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary

Test Compound: Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/01/2017

Time Report Requested: 11:55:31

Lab: NTP

Females: Day 92 Females

	Treatment Groups (mg/kg)					
	0	15.5	31	62.5	125	250
Terminal Body Wt.	27.5 ± 0.7 (10)	27.3 ± 0.9 (10)	27.2 ± 0.9 (10)	29.5 ± 1.0 (10)	29.6 ± 0.9 (10)	28.1 ± 1.1 (10)
Heart						
Absolute (g)	0.16 ± 0.01 (10)	0.16 ± 0.01 (10)	0.15 ± 0.01 (10)	0.16 ± 0.01 (10)	0.17 ± 0.01 (10)	0.15 ± 0.01 (10)
Relative (mg/g)	5.72 ± 0.19 (10)	5.89 ± 0.26 (10)	5.48 ± 0.27 (10)	5.34 ± 0.19 (10)	5.75 ± 0.28 (10)	5.42 ± 0.33 (10)
R. Kidney						
Absolute (g)	0.17 ± 0.00 (10)	0.17 ± 0.00 (10)	0.17 ± 0.00 (10)	0.17 ± 0.00 (10)	0.17 ± 0.00 (10)	0.16 ± 0.00 (10)
Relative (mg/g)	6.08 ± 0.08 (10)**	6.13 ± 0.10 (10)	6.08 ± 0.12 (10)	5.78 ± 0.17 (10)	5.77 ± 0.14 (10)	5.78 ± 0.25 (10)
Liver						
Absolute (g)	1.18 ± 0.03 (10)	1.21 ± 0.04 (10)	1.19 ± 0.04 (10)	1.25 ± 0.04 (10)	1.24 ± 0.03 (10)	1.24 ± 0.04 (10)
Relative (mg/g)	43.29 ± 1.58 (10)	44.47 ± 0.88 (10)	43.65 ± 0.95 (10)	42.38 ± 1.04 (10)	42.15 ± 0.86 (10)	44.62 ± 1.98 (10)
Lung						
Absolute (g)	0.28 ± 0.01 (10)	0.28 ± 0.02 (10)	0.28 ± 0.01 (10)	0.32 ± 0.02 (10)	0.33 ± 0.02 (10)	0.29 ± 0.02 (10)
Relative (mg/g)	10.19 ± 0.55 (10)	10.29 ± 0.59 (10)	10.46 ± 0.51 (10)	10.97 ± 0.62 (10)	11.06 ± 0.73 (10)	10.51 ± 0.88 (10)
Thymus						
Absolute (g)	0.049 ± 0.003 (10)	0.047 ± 0.003 (10)	0.048 ± 0.002 (10)	0.050 ± 0.002 (10)	0.052 ± 0.004 (10)	0.049 ± 0.003 (10)
Relative (mg/g)	1.78 ± 0.08 (10)	1.72 ± 0.08 (10)	1.76 ± 0.08 (10)	1.72 ± 0.10 (10)	1.78 ± 0.13 (10)	1.76 ± 0.06 (10)

Experiment Number: C20605-02
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary
Test Compound: Gum Guggul Extract
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LEGEND

Data are displayed as mean \pm SEM (N)

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis performed by Jonckheere (trend) and William or Dunnett (pairwise) tests

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****