

Table 2A - 9

Detailed clinical observations - Summary data in maternal rats on gestation day

Open field: Bizarre behavior

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	14	14
0	1	0	0
	2	0	0
	3	0	0
Parathion	0	14	10
0.3	1	0	0
	2	0	0
	3	0	0
Methami	0	14	14
dophos	1	0	0
1.0	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 10

Detailed clinical observations - Summary data in maternal rats on gestation day

Open field: Unkempt fur

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	14	14
0	1	0	0
	2	0	0
	3	0	0
	NA	0	0
Parathion	0	14	10
0.3	1	0	0
	2	0	0
	3	0	0
	NA	0	0
Methami	0	14	14
dophos	1	0	0
1.0	2	0	0
	3	0	0
	NA	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 11

Detailed clinical observations - Summary data in maternal rats on gestation day

Open field: Piloerection

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	14	14
0	1	0	0
	2	0	0
	3	0	0
	NA	0	0
Parathion	0	14	10
0.3	1	0	0
	2	0	0
	3	0	0
	NA	0	0
Methami	0	14	14
dophos	1	0	0
1.0	2	0	0
	3	0	0
	NA	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 12

Detailed clinical observations - Summary data in maternal rats on gestation day

Open field: Skin color

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	-2	0	0
0	-1	0	0
	0	14	14
	1	0	0
	2	0	0
Parathion	-2	0	0
0.3	-1	0	0
	0	14	10
	1	0	0
	2	0	0
Methami	-2	0	0
dophos	-1	0	0
1.0	0	14	14
	1	0	0
	2	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 13

Detailed clinical observations - Summary data in maternal rats on gestation day

Open field: Exploration

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80 0	-2	0	0
	-1	0	4
	0	0	6
	1	13	4
	2	1	0
Parathion 0.3	-2	0	0
	-1	0	4
	0	3	3
	1	9	3
	2	2	0
Methami dophos 1.0	-2	0	0
	-1	0	1
	0	1	9
	1	10	4
	2	3	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 14

Detailed clinical observations - Summary data in maternal rats on gestation day

Open field: Abnormal gait

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	14	14
0	1	0	0
	2	0	0
	3	0	0
	NA	0	0
Parathion	0	14	10
0.3	1	0	0
	2	0	0
	3	0	0
	NA	0	0
Methami	0	14	14
dophos	1	0	0
1.0	2	0	0
	3	0	0
	NA	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 15

Detailed clinical observations - Summary data in maternal rats on gestation day

Open field: Count of defecation

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	13	14
0	1	1	0
	2	0	0
	3	0	0
	4	0	0
	5	0	0
	6	0	0
	7	0	0
Parathion	0	14	10
0.3	1	0	0
	2	0	0
	3	0	0
	4	0	0
	5	0	0
	6	0	0
	7	0	0
Methami	0	14	11
dophos	1	0	1
1.0	2	0	0
	3	0	1
	4	0	1
	5	0	0
	6	0	0
	7	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 16

Detailed clinical observations - Summary data in maternal rats on gestation day

Open field: Defecation

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	1	0
0	1	0	0
	2	0	0
	3	0	0
	NA	13	14
Parathion	0	0	0
0.3	1	0	0
	2	0	0
	3	0	0
	NA	14	10
Methami	0	0	3
dophos	1	0	0
1.0	2	0	0
	3	0	0
	NA	14	11

Table 2A - 17

Detailed clinical observations - Summary data in maternal rats on gestation day

Open field: Urination

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	3	11
0	1	0	0
	2	0	0
	3	0	0
	NA	11	3
Parathion	0	4	4
0.3	1	0	0
	2	0	0
	3	0	0
	NA	10	6
Methami	0	6	6
dophos	1	0	0
1.0	2	0	0
	3	0	0
	NA	8	8

Table 2A - 18

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Exophthalmos

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	14	14
0	1	0	0
	2	0	0
Parathion	0	14	10
0.3	1	0	0
	2	0	0
Methami	0	14	14
dophos	1	0	0
1.0	2	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 19

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Palpebral closure

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	14	14
0	1	0	0
	2	0	0
	3	0	0
Parathion	0	14	10
0.3	1	0	0
	2	0	0
	3	0	0
Methami	0	14	14
dophos	1	0	0
1.0	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 20

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Lacrimation

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	14	14
0	1	0	0
	2	0	0
	3	0	0
Parathion	0	14	10
0.3	1	0	0
	2	0	0
	3	0	0
Methami	0	14	14
dophos	1	0	0
1.0	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 21

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Salivation

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	14	14
0	1	0	0
	2	0	0
	3	0	0
Parathion	0	14	10
0.3	1	0	0
	2	0	0
	3	0	0
Methami	0	14	14
dophos	1	0	0
1.0	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 22

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Mucous membrane

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80 0	-2	0	0
	-1	0	0
	0	14	14
	1	0	0
	2	0	0
Parathion 0.3	-2	0	0
	-1	0	0
	0	14	10
	1	0	0
	2	0	0
Methami dophos 1.0	-2	0	0
	-1	0	0
	0	14	14
	1	0	0
	2	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 23

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Secretions/excretions (eye)

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80 0	0	14	14
	1	0	0
	2	0	0
	3	0	0
Parathion 0.3	0	14	10
	1	0	0
	2	0	0
	3	0	0
Methami dophos 1.0	0	14	14
	1	0	0
	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 24

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Secretions/excretions (nose)

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	14	14
0	1	0	0
	2	0	0
	3	0	0
Parathion	0	14	10
0.3	1	0	0
	2	0	0
	3	0	0
Methami	0	14	14
dophos	1	0	0
1.0	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 25

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Secretions/excretions (mouth)

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	14	14
0	1	0	0
	2	0	0
	3	0	0
Parathion	0	14	10
0.3	1	0	0
	2	0	0
	3	0	0
Methami	0	14	14
dophos	1	0	0
1.0	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 26

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Muscle tone

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	-2	0	0
0	-1	0	0
	0	14	14
	1	0	0
	2	0	0
Parathion	-2	0	0
0.3	-1	0	0
	0	14	10
	1	0	0
	2	0	0
Methami dophos	-2	0	0
1.0	-1	0	0
	0	14	14
	1	0	0
	2	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 27

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Reactivity to handling

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80 0	-2	0	0
	-1	0	0
	0	14	14
	1	0	0
	2	0	0
Parathion 0.3	-2	0	0
	-1	0	0
	0	14	10
	1	0	0
	2	0	0
Methami dophos 1.0	-2	0	0
	-1	0	0
	0	14	14
	1	0	0
	2	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 28

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Co-ordination of movement

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80 0	0	14	14
	1	0	0
	2	0	0
Parathion 0.3	0	14	10
	1	0	0
	2	0	0
Methami dophos 1.0	0	14	14
	1	0	0
	2	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 29

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Pupil size

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80 0	-2	0	0
	-1	0	0
	0	14	14
	1	0	0
	2	0	0
	NA	0	0
Parathion 0.3	-2	0	0
	-1	0	2
	0	14	8
	1	0	0
	2	0	0
	NA	0	0
Methami dophos 1.0	-2	0	0
	-1	0	3
	0	14	11
	1	0	0
	2	0	0
	NA	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 30

Detailed clinical observations - Summary data in maternal rats on gestation day

Handling: Pupillary reflex

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	14	14
0	1	0	0
	2	0	0
	3	0	0
Parathion	0	14	9
0.3	1	0	1
	2	0	0
	3	0	0
Methami	0	14	14
dophos	1	0	0
1.0	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2A - 31

Detailed clinical observations - Summary data in maternal rats on gestation day

Open field: Count of rearing

Dose groups (mg/kg/day)	Score	GD	
		6	19
1% Tween80	0	0	1
0	1-5	9	11
	6-10	5	2
	11-15	0	0
Parathion	0	0	1
0.3	1-5	8	9
	6-10	4	0
	11-15	2	0
Methami	0	0	1
dophos	1-5	5	9
1.0	6-10	8	4
	11-15	1	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2B - 1

Detailed clinical observations - Summary data in maternal rats on postnatal day

Home cage: Body position/posture

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80	0	8	8
0	1	0	0
Parathion	0	5	5
0.3	1	0	0
Methami	0	8	8
dophos	1	0	0
1.0			

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2B - 2

Detailed clinical observations - Summary data in maternal rats on postnatal day

Home cage: Respiratory pattern

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80	0	8	8
0	1	0	0
	2	0	0
	3	0	0
Parathion	0	5	5
0.3	1	0	0
	2	0	0
	3	0	0
Methami	0	8	8
dophos	1	0	0
1.0	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2B - 3

Detailed clinical observations - Summary data in maternal rats on postnatal day

Home cage: Twitch

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	0	8	8
	1	0	0
	2	0	0
Parathion 0.3	0	5	5
	1	0	0
	2	0	0
Methami dophos 1.0	0	8	8
	1	0	0
	2	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2B - 4

Detailed clinical observations - Summary data in maternal rats on postnatal day

Home cage: Tremors

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	0	8	8
	1	0	0
	2	0	0
Parathion 0.3	0	5	5
	1	0	0
	2	0	0
Methami dophos 1.0	0	6	6
	1	2	2
	2	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2B - 5

Detailed clinical observations - Summary data in maternal rats on postnatal day

Home cage: Convulsions

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	0	8	8
	1	0	0
	2	0	0
Parathion 0.3	0	5	5
	1	0	0
	2	0	0
Methami dophos 1.0	0	8	8
	1	0	0
	2	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2B - 6

Detailed clinical observations - Summary data in maternal rats on postnatal day

Handling: Alertness

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	-2	0	0
	-1	3	2
	0	5	6
	1	0	0
	2	0	0
Parathion 0.3	-2	0	0
	-1	1	3
	0	4	2
	1	0	0
	2	0	0
Methami dophos 1.0	-2	0	0
	-1	5	5
	0	3	3
	1	0	0
	2	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2B - 7

Detailed clinical observations - Summary data in maternal rats on postnatal day

Handling: Aggression

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	0	8	8
	1	0	0
	2	0	0
	3	0	0
Parathion 0.3	0	5	5
	1	0	0
	2	0	0
	3	0	0
Methami dophos 1.0	0	8	8
	1	0	0
	2	0	0
	3	0	0

Data were statistically analyzed by Dunnnett-type test following Kruskal-Wallis test.

Table 2B - 8

Detailed clinical observations - Summary data in maternal rats on postnatal day

Open field: Stereotypies

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	0	8	8
	1	0	0
	2	0	0
	3	0	0
Parathion 0.3	0	5	5
	1	0	0
	2	0	0
	3	0	0
Methami dophos 1.0	0	8	8
	1	0	0
	2	0	0
	3	0	0

Data were statistically analyzed by Dunnnett-type test following Kruskal-Wallis test.

Table 2B - 9

Detailed clinical observations - Summary data in maternal rats on postnatal day

Open field: Bizarre behavior

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	0	8	8
	1	0	0
	2	0	0
	3	0	0
Parathion 0.3	0	5	5
	1	0	0
	2	0	0
	3	0	0
Methami dophos 1.0	0	8	8
	1	0	0
	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.

Table 2B - 10

Detailed clinical observations - Summary data in maternal rats on postnatal day

Open field: Unkempt fur

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	0	8	8
	1	0	0
	2	0	0
	3	0	0
	NA	0	0
Parathion 0.3	0	5	5
	1	0	0
	2	0	0
	3	0	0
	NA	0	0
Methami dophos 1.0	0	8	8
	1	0	0
	2	0	0
	3	0	0
	NA	0	0

Data were statistically analyzed by Dunnett-type test following Kruskal-Wallis test.