

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 + Methamidophos 0.4	-2	0	0
	-1	0	0
	0	14	14
	1	0	0
	2	0	0
Parathion 0.6 + Methamidophos 0.8	-2	0	0
	-1	0	0
	0	14	12
	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 + Methamidophos 0.4	0	14	14
	1	0	0
	2	0	0
	3	0	0
Parathion 0.6 + Methamidophos 0.8	0	14	12
	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	0	14	14
	1	0	0
	2	0	0
	3	0	0
Parathion 0.3 + Methamidophos 0.4	0	14	14
	1	0	0
	2	0	0
	3	0	0
Parathion 0.6 + Methamidophos 0.8	0	14	12
	1	0	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	0	14	14
	1	0	0
	2	0	0
	3	0	0
Parathion 0.3 + Methamidophos 0.4	0	14	14
	1	0	0
	2	0	0
	3	0	0
Parathion 0.6 + Methamidophos 0.8	0	14	12
	1	0	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 0	-2	0	0
	-1	0	0
	0	12	11
	1	2	3
	2	0	0
Parathion 0.3 + Methamidophos 0.4	-2	0	0
	-1	0	0
	0	11	10
	1	3	4
	2	0	0
Parathion 0.6 + Methamidophos 0.8	-2	0	0
	-1	1	0
	0	13	12
	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 + Methamidophos 0.4	-2	0	0
	-1	0	0
	0	14	14
	1	0	0
	2	0	0
Parathion 0.6 + Methamidophos 0.8	-2	0	0
	-1	0	2
	0	14	10
	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	14	14
0	1	0	0
	2	0	0
Parathion 0.3	0	14	14
+	1	0	0
Methamidophos 0.4	2	0	0
Parathion 0.6	0	14	12
+	1	0	0
Methamidophos 0.8	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	-2	0	0
0	-1	1	0
	0	13	14
	1	0	0
	2	0	0
	NA	0	0
Parathion 0.3	-2	0	0
+	-1	3	2
Methamidophos 0.4	0	11	12
	1	0	0
	2	0	0
	NA	0	0
Parathion 0.6	-2	0	0
+	-1	3	0
Methamidophos 0.8	0	11	12
	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
	NA	0	0
Parathion 0.3	0	14	14
+	1	0	0
Methamidophos 0.4	2	0	0
	NA	0	0
Parathion 0.6	0	14	12
+	1	0	0
Methamidophos 0.8	2	0	0
	NA	0	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 0.3	0	8	8
+	1	0	0
Methamidophos 0.4			
Parathion 0.6	0	4	3
+	1	0	0
Methamidophos 0.8			

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 0.3	0	8	8
+	1	0	0
Methamidophos 0.4	2	0	0
	3	0	0
Parathion 0.6	0	4	3
+	1	0	0
Methamidophos 0.8	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	8	8
0	1	0	0
	2	0	0
Parathion 0.3	0	8	8
+	1	0	0
Methamidophos 0.4	2	0	0
Parathion 0.6	0	4	3
+	1	0	0
Methamidophos 0.8	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	8	8
0	1	0	0
	2	0	0
Parathion 0.3	0	8	8
+	1	0	0
Methamidophos 0.4	2	0	0
Parathion 0.6	0	4	3
+	1	0	0
Methamidophos 0.8	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	8	8
0	1	0	0
	2	0	0
Parathion 0.3	0	8	8
+	1	0	0
Methamidophos 0.4	2	0	0
Parathion 0.6	0	4	3
+	1	0	0
Methamidophos 0.8	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	-2	0	0
0	-1	1	0
	0	7	8
	1	0	0
	2	0	0
Parathion 0.3	-2	0	0
+	-1	2	2
Methamidophos 0.4	0	6	6
	1	0	0
	2	0	0
Parathion 0.6	-2	0	0
+	-1	1	3
Methamidophos 0.8	0	2	0
	1	1	0
	2	0	0

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

Significantly different from control: *, $p \leq 0.05$; **, $p \leq 0.01$.

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	8	8
0	1	0	0
	2	0	0
	3	0	0
Parathion 0.3	0	8	8
+	1	0	0
Methamidophos 0.4	2	0	0
	3	0	0
Parathion 0.6	0	4	3
+	1	0	0
Methamidophos 0.8	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-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	8	8
0	1	0	0
	2	0	0
	3	0	0
Parathion 0.3	0	8	8
+	1	0	0
Methamidophos 0.4	2	0	0
	3	0	0
Parathion 0.6	0	4	3
+	1	0	0
Methamidophos 0.8	2	0	0
	3	0	0

Data were statistically analyzed by Dunnett-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 + Methamidophos 0.4	0	8	8
	1	0	0
	2	0	0
	3	0	0
Parathion 0.6 + Methamidophos 0.8	0	4	3
	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 + Methamidophos 0.4	0	8	8
	1	0	0
	2	0	0
	3	0	0
	NA	0	0
Parathion 0.6 + Methamidophos 0.8	0	4	3
	1	0	0
	2	0	0
	3	0	0
	NA	0	0

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

Table 2B - 11

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

Open field: Piloerection

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 + Methamidophos 0.4	0	8	8
	1	0	0
	2	0	0
	3	0	0
	NA	0	0
Parathion 0.6 + Methamidophos 0.8	0	4	3
	1	0	0
	2	0	0
	3	0	0
	NA	0	0

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

Table 2B - 12

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

Open field: Skin color

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	-2	0	0
	-1	0	0
	0	8	8
	1	0	0
	2	0	0
Parathion 0.3 + Methamidophos 0.4	-2	0	0
	-1	0	0
	0	8	8
	1	0	0
	2	0	0
Parathion 0.6 + Methamidophos 0.8	-2	0	0
	-1	0	0
	0	4	3
	1	0	0
	2	0	0

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

Table 2B - 13

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

Open field: Exploration

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80	-2	0	0
0	-1	0	0
	0	7	7
	1	1	1
	2	0	0
Parathion 0.3	-2	0	0
+	-1	1	0
Methamidophos 0.4	0	7	8
	1	0	0
	2	0	0
Parathion 0.6	-2	0	0
+	-1	0	0
Methamidophos 0.8	0	2	3
	1	2	0
	2	0	0

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

Table 2B - 14

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

Open field: Abnormal gait

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80	0	8	8
0	1	0	0
	2	0	0
	3	0	0
	NA	0	0
Parathion 0.3	0	8	8
+	1	0	0
Methamidophos 0.4	2	0	0
	3	0	0
	NA	0	0
Parathion 0.6	0	4	3
+	1	0	0
Methamidophos 0.8	2	0	0
	3	0	0
	NA	0	0

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

Table 2B - 15

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

Open field: Count of defecation

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	0	6	7
	1	0	0
	2	0	0
	3	2	0
	4	0	1
	5	0	0
	6	0	0
	7	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	8
	1	0	0
	2	0	0
	3	0	0
	4	0	0
	5	0	0
	6	0	0
	7	0	0
Parathion 0.6 + Methamidophos 0.8	0	4	2
	1	0	0
	2	0	0
	3	0	1
	4	0	0
	5	0	0
	6	0	0
	7	0	0

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

Table 2B - 16

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

Open field: Defecation

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	0	2	1
	1	0	0
	2	0	0
	3	0	0
	NA	6	7
Parathion 0.3 + Methamidophos 0.4	0	0	0
	1	0	0
	2	0	0
	3	0	0
	NA	8	8
Parathion 0.6 + Methamidophos 0.8	0	0	1
	1	0	0
	2	0	0
	3	0	0
	NA	4	2

Table 2B - 17

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

Open field: Urination

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	0	7	8
	1	0	0
	2	0	0
	3	0	0
	NA	1	0
Parathion 0.3 + Methamidophos 0.4	0	3	1
	1	0	0
	2	0	0
	3	0	0
	NA	5	7
Parathion 0.6 + Methamidophos 0.8	0	2	3
	1	0	0
	2	0	0
	3	0	0
	NA	2	0

Table 2B - 18

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

Handling: Exophthalmos

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	0	8	8
	1	0	0
	2	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	8
	1	0	0
	2	0	0
Parathion 0.6 + Methamidophos 0.8	0	4	3
	1	0	0
	2	0	0

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

Table 2B - 19

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

Handling: Palpebral closure

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 + Methamidophos 0.4	0	8	8
	1	0	0
	2	0	0
	3	0	0
Parathion 0.6 + Methamidophos 0.8	0	4	3
	1	0	0
	2	0	0
	3	0	0

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

Table 2B - 20

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

Handling: Lacrimation

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 + Methamidophos 0.4	0	8	8
	1	0	0
	2	0	0
	3	0	0
Parathion 0.6 + Methamidophos 0.8	0	4	3
	1	0	0
	2	0	0
	3	0	0

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

Table 2B - 21

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

Handling: Salivation

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 + Methamidophos 0.4	0	8	8
	1	0	0
	2	0	0
	3	0	0
Parathion 0.6 + Methamidophos 0.8	0	4	3
	1	0	0
	2	0	0
	3	0	0

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

Table 2B - 22

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

Handling: Mucous membrane

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	-2	0	0
	-1	0	0
	0	8	8
	1	0	0
	2	0	0
Parathion 0.3 + Methamidophos 0.4	-2	0	0
	-1	0	0
	0	8	8
	1	0	0
	2	0	0
Parathion 0.6 + Methamidophos 0.8	-2	0	0
	-1	0	0
	0	4	3
	1	0	0
	2	0	0

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

Table 2B - 23

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

Handling: Secretions/excretions (eye)

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 + Methamidophos 0.4	0	8	8
	1	0	0
	2	0	0
	3	0	0
Parathion 0.6 + Methamidophos 0.8	0	4	3
	1	0	0
	2	0	0
	3	0	0

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

Table 2B - 24

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

Handling: Secretions/excretions (nose)

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 + Methamidophos 0.4	0	8	8
	1	0	0
	2	0	0
	3	0	0
Parathion 0.6 + Methamidophos 0.8	0	4	3
	1	0	0
	2	0	0
	3	0	0

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

Table 2B - 25

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

Handling: Secretions/excretions (mouth)

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 + Methamidophos 0.4	0	8	8
	1	0	0
	2	0	0
	3	0	0
Parathion 0.6 + Methamidophos 0.8	0	4	3
	1	0	0
	2	0	0
	3	0	0

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

Table 2B - 26

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

Handling: Muscle tone

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	-2	0	0
	-1	0	0
	0	8	8
	1	0	0
	2	0	0
Parathion 0.3 + Methamidophos 0.4	-2	0	0
	-1	2	0
	0	6	8
	1	0	0
	2	0	0
Parathion 0.6 + Methamidophos 0.8	-2	0	0
	-1	1	0
	0	3	3
	1	0	0
	2	0	0

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

Table 2B - 27

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

Handling: Reactivity to handling

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80 0	-2	0	0
	-1	0	0
	0	8	8
	1	0	0
	2	0	0
Parathion 0.3 + Methamidophos 0.4	-2	0	0
	-1	0	0
	0	8	8
	1	0	0
	2	0	0
Parathion 0.6 + Methamidophos 0.8	-2	0	0
	-1	0	0
	0	4	3
	1	0	0
	2	0	0

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

Table 2B - 28

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

Handling: Co-ordination of movement

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80	0	8	8
0	1	0	0
	2	0	0
Parathion 0.3	0	8	8
+	1	0	0
Methamidophos 0.4	2	0	0
Parathion 0.6	0	4	3
+	1	0	0
Methamidophos 0.8	2	0	0

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

Table 2B - 29

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

Handling: Pupil size

Dose groups (mg/kg/day)	Score	PND	
		6	19
1% Tween80	-2	0	0
0	-1	1	1
	0	7	7
	1	0	0
	2	0	0
	NA	0	0
Parathion 0.3	-2	0	0
+	-1	2	0
Methamidophos 0.4	0	6	8
	1	0	0
	2	0	0
	NA	0	0
Parathion 0.6	-2	0	0
+	-1	0	1
Methamidophos 0.8	0	4	2
	1	0	0
	2	0	0
	NA	0	0

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