

Table 8 - 1 Detailed clinical observations - Summary data in F1 female rats on postnatal day

Home cage: Body position/posture

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80	0	8	8	8	8
0	1	0	0	0	0
Parathion 0.3	0	8	8	7	7
+	1	0	0	0	0
Methamidophos 0.4					
Parathion 0.6	0	3	3	3	3
+	1	0	0	0	0
Methamidophos 0.8					

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

Table 8 - 2 Detailed clinical observations - Summary data in F1 female rats on postnatal day

Home cage: Respiratory pattern

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80	0	8	8	8	8
0	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.3	0	8	8	7	7
+	1	0	0	0	0
Methamidophos 0.4	2	0	0	0	0
	3	0	0	0	0
Parathion 0.6	0	3	3	3	3
+	1	0	0	0	0
Methamidophos 0.8	2	0	0	0	0
	3	0	0	0	0

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

Table 8 - 3 Detailed clinical observations - Summary data in F1 female rats on postnatal day

Home cage: Twitch

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80	0	8	8	8	8
0	1	0	0	0	0
	2	0	0	0	0
Parathion 0.3	0	8	8	7	7
+	1	0	0	0	0
Methamidophos 0.4	2	0	0	0	0
Parathion 0.6	0	3	3	3	3
+	1	0	0	0	0
Methamidophos 0.8	2	0	0	0	0

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

Table 8 - 4 Detailed clinical observations - Summary data in F1 female rats on postnatal day

Home cage: Tremors

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80	0	8	8	8	8
0	1	0	0	0	0
	2	0	0	0	0
Parathion 0.3	0	8	8	7	7
+	1	0	0	0	0
Methamidophos 0.4	2	0	0	0	0
Parathion 0.6	0	3	3	3	3
+	1	0	0	0	0
Methamidophos 0.8	2	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Home cage: Convulsions

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80	0	8	8	8	8
0	1	0	0	0	0
	2	0	0	0	0
Parathion 0.3	0	8	8	7	7
+	1	0	0	0	0
Methamidophos 0.4	2	0	0	0	0
Parathion 0.6	0	3	3	3	3
+	1	0	0	0	0
Methamidophos 0.8	2	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Alertness

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80	-2	0	0	0	0
0	-1	3	0	0	0
	0	5	8	8	8
	1	0	0	0	0
	2	0	0	0	0
Parathion 0.3	-2	0	0	0	0
+	-1	1	0	0	0
Methamidophos 0.4	0	7	8	7	7
	1	0	0	0	0
	2	0	0	0	0
Parathion 0.6	-2	0	0	0	0
+	-1	1	0	0	0
Methamidophos 0.8	0	2	3	3	3
	1	0	0	0	0
	2	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Aggression

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Open field: Stereotypies

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Open field: Bizarre behavior

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Open field: Unkempt fur

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Open field: Piloerection

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80	0	8	8	8	8
0	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	0	0	0	0
Parathion 0.3	0	8	8	7	7
+	1	0	0	0	0
Methamidophos 0.4	2	0	0	0	0
	3	0	0	0	0
	NA	0	0	0	0
Parathion 0.6	0	3	3	3	3
+	1	0	0	0	0
Methamidophos 0.8	2	0	0	0	0
	3	0	0	0	0
	NA	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Open field: Skin color

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80	-2	0	0	0	0
0	-1	0	0	0	0
	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
Parathion 0.3	-2	0	0	0	0
+	-1	0	0	0	0
Methamidophos 0.4	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
Parathion 0.6	-2	0	0	0	0
+	-1	0	0	0	0
Methamidophos 0.8	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Open field: Exploration

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	-2	0	0	0	0
	-1	0	0	0	0
	0	6	2	1	0
	1	2	3	4	3
	2	0	3	3	5
Parathion 0.3 + Methamidophos 0.4	-2	0	0	0	0
	-1	0	0	0	0
	0	4	2	2	0
	1	4	6	5	6
	2	0	0	0	1
Parathion 0.6 + Methamidophos 0.8	-2	0	0	0	0
	-1	0	0	0	0
	0	3	0	1	0
	1	0	3	2	2
	2	0	0	0	1

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Open field: Abnormal gait

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Open field: Count of defecation

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	4	0	0	0	0
	5	0	0	0	0
	6	0	0	0	0
	7	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	6	7	7
	1	0	1	0	0
	2	0	1	0	0
	3	0	0	0	0
	4	0	0	0	0
	5	0	0	0	0
	6	0	0	0	0
	7	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	3	2	3	3
	1	0	0	0	0
	2	0	1	0	0
	3	0	0	0	0
	4	0	0	0	0
	5	0	0	0	0
	6	0	0	0	0
	7	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Open field: Defecation

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	0	0	0	0
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	8	8	8	8
Parathion 0.3 + Methamidophos 0.4	0	0	2	0	0
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	8	6	7	7
Parathion 0.6 + Methamidophos 0.8	0	0	1	0	0
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	3	2	3	3

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Open field: Urination

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	2	4	6	3
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	6	4	2	5
Parathion 0.3 + Methamidophos 0.4	0	3	5	4	2
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	5	3	3	5
Parathion 0.6 + Methamidophos 0.8	0	0	2	1	1
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
	NA	3	1	2	2

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Exophthalmos

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	-	8	8	8
	1	-	0	0	0
	2	-	0	0	0
Parathion 0.3 +	0	-	8	7	7
	1	-	0	0	0
	2	-	0	0	0
Methamidophos 0.4	0	-	3	3	3
	1	-	0	0	0
	2	-	0	0	0

-: No examined because eye opening was not observed on PND13.

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Palpebral closure

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	-	8	8	8
	1	-	0	0	0
	2	-	0	0	0
	3	-	0	0	0
Parathion 0.3 +	0	-	8	7	7
	1	-	0	0	0
	2	-	0	0	0
Methamidophos 0.4	0	-	3	3	3
	1	-	0	0	0
	2	-	0	0	0
Parathion 0.6 +	0	-	8	7	7
	1	-	0	0	0
	2	-	0	0	0
Methamidophos 0.8	0	-	3	3	3
	1	-	0	0	0
	2	-	0	0	0

-: No examined because eye opening was not observed on PND13.

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Lacrimation

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	-	8	8	8
	1	-	0	0	0
	2	-	0	0	0
	3	-	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	-	8	7	7
	1	-	0	0	0
	2	-	0	0	0
	3	-	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	-	3	3	3
	1	-	0	0	0
	2	-	0	0	0
	3	-	0	0	0

-: No examined because eye opening was not observed on PND13.

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Salivation

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Mucous membrane

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	-2	0	0	0	0
	-1	0	0	0	0
	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	-2	0	0	0	0
	-1	0	0	0	0
	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	-2	0	0	0	0
	-1	0	0	0	0
	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Secretions/excretions (eye)

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	-	8	8	8
	1	-	0	0	0
	2	-	0	0	0
	3	-	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	-	8	7	7
	1	-	0	0	0
	2	-	0	0	0
	3	-	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	-	3	3	3
	1	-	0	0	0
	2	-	0	0	0
	3	-	0	0	0

-: No examined because eye opening was not observed on PND13.

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Secretions/excretions (nose)

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Secretions/excretions (mouth)

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0
	3	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Muscle tone

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	-2	0	0	0	0
	-1	0	0	0	0
	0	8	8	5	5
	1	0	0	3	3
	2	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	-2	0	0	0	0
	-1	0	0	0	0
	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	-2	0	0	0	0
	-1	0	0	0	0
	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Reactivity to handling

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	-2	0	0	0	0
	-1	0	0	0	0
	0	8	8	8	7
	1	0	0	0	1
	2	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	-2	0	0	0	0
	-1	0	0	0	0
	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	-2	0	0	0	0
	-1	0	0	0	0
	0	3	3	3	3
	1	0	0	0	0
	2	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Co-ordination of movement

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	8	8	8	8
	1	0	0	0	0
	2	0	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	8	8	7	7
	1	0	0	0	0
	2	0	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	2	3	3	3
	1	1	0	0	0
	2	0	0	0	0

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Pupil size

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	-2	-	0	0	0
	-1	-	1	0	0
	0	-	7	8	8
	1	-	0	0	0
	2	-	0	0	0
	NA	-	0	0	0
Parathion 0.3 + Methamidophos 0.4	-2	-	0	0	0
	-1	-	1	0	0
	0	-	7	7	7
	1	-	0	0	0
	2	-	0	0	0
	NA	-	0	0	0
Parathion 0.6 + Methamidophos 0.8	-2	-	0	0	0
	-1	-	0	0	0
	0	-	3	3	3
	1	-	0	0	0
	2	-	0	0	0
	NA	-	0	0	0

-: No examined because eye opening was not observed on PND13.

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

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Detailed clinical observations - Summary data in F1 female rats on postnatal day

Handling: Pupillary reflex

Dose groups (mg/kg/day)	Score	PND			
		13	25	40	63
1% Tween80 0	0	-	8	8	7
	1	-	0	0	1
	2	-	0	0	0
	NA	-	0	0	0
Parathion 0.3 + Methamidophos 0.4	0	-	7	7	5
	1	-	0	0	2
	2	-	1	0	0
	NA	-	0	0	0
Parathion 0.6 + Methamidophos 0.8	0	-	3	3	3
	1	-	0	0	0
	2	-	0	0	0
	NA	-	0	0	0

-: No examined because eye opening was not observed on PND13.

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

Table 9 Body weight - Group mean values in F1 male and female rats before weaning

(g)											
Dose groups (mg/kg/day)		Male pup weight on postnatal day					Female pup weight on postnatal day				
		0	4	7	14	21	0	4	7	14	21
1% Tween80 0	Mean	6.1	11.3	18.1	34.9	56.0	5.7	10.8	17.0	33.4	52.5
	S.D.	0.6	1.1	1.3	2.0	3.4	0.3	0.8	1.2	1.9	2.9
Parathion 0.3 + Methamidophos 0.4	Mean	6.1	10.2	15.9	33.2	53.8	6.1	9.7	15.3	31.6	50.3
	S.D.	0.7	1.0	2.2	3.4	4.6	1.5	1.3	2.6	4.3	5.6
Parathion 0.6 + Methamidophos 0.8	Mean	5.4	7.3 **	11.8 **	25.6 **	43.6 **	5.1	7.1 **	11.5 **	26.1 *	43.8
	S.D.	0.5	2.5	3.6	4.7	6.5	0.5	2.2	4.0	4.4	6.9

S.D.: Standard deviation.

Data were statistically analyzed by Dunnett's test following one-way ANOVA or Dunnett-type test following Kruskal-Wallis test.

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

Table 10 Body weight - Group mean values in F1 male rats after weaning

Dose groups (mg/kg/day)		Week of age							Final body weight	(g)
		3	4	5	6	7	8	9		
1% Tween80 0	Mean	55	92	139	182	230	275	312	333	
	S.D.	3	5	9	13	15	18	21	30	
Parathion 0.3 +	Mean	55	89	135	178	223	269	304	326	
	S.D.	5	8	13	20	26	29	33	36	
Methamidophos 0.4										
Parathion 0.6 +	Mean	44 **	75 **	116 **	155 **	194 **	233 **	267 **	292 *	
	S.D.	7	9	13	15	20	23	28	33	
Methamidophos 0.8										

S.D.: Standard deviation.

Data were statistically analyzed by Dunnett's test following one-way ANOVA or Dunnett-type test following Kruskal-Wallis test.

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

Table 11 Body weight - Group mean values in F1 female rats after weaning

Dose groups (mg/kg/day)		Week of age							Final body weight	(g)
		3	4	5	6	7	8	9		
1% Tween80 0	Mean	53	82	113	137	156	172	185	194	
	S.D.	4	6	7	9	13	15	15	18	
Parathion 0.3 +	Mean	51	80	112	133	152	169	184	193	
	S.D.	6	7	9	12	14	14	13	12	
Methamidophos 0.4										
Parathion 0.6 +	Mean	42 **	70 **	102 *	125	144	162	176	189	
	S.D.	6	7	9	9	12	11	11	11	
Methamidophos 0.8										

S.D.: Standard deviation.

Data were statistically analyzed by Dunnett's test following one-way ANOVA or Dunnett-type test following Kruskal-Wallis test.

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

Table 12

Learning and memory - E-maze test in F1 male rats on postnatal day

Dose groups (mg/kg/day)		PND 25±2		PND 60-70	
		Percentage of correct answer (%)	Time (sec.)	Percentage of correct answer (%)	Time (sec.)
1% Tween80 0	Mean	88	10	81	16
	S.D.	23	3	37	11
Parathion 0.3 + Methamidophos 0.4	Mean	75	17	100	13
	S.D.	46	12	0	6
Parathion 0.6 + Methamidophos 0.8	Mean	100	10	100	12
	S.D.	0	1	0	3

S.D.: Standard deviation.

Data were statistically analyzed by Dunnett's test following one-way ANOVA or Dunnett-type test following Kruskal-Wallis test.

Table 13

Learning and memory - E-maze test in F1 female rats on postnatal day

Dose groups (mg/kg/day)		PND 25±2		PND 60-70	
		Percentage of correct answer (%)	Time (sec.)	Percentage of correct answer (%)	Time (sec.)
1% Tween80 0	Mean	81	16	69	17
	S.D.	26	7	46	15
Parathion 0.3 + Methamidophos 0.4	Mean	63	23	75	19
	S.D.	52	17	27	11
Parathion 0.6 + Methamidophos 0.8	Mean	83	17	100	9
	S.D.	29	11	0	4

S.D.: Standard deviation.

Data were statistically analyzed by Dunnett's test following one-way ANOVA or Dunnett-type test following Kruskal-Wallis test.

Table 14 - 1

Learning and memory - Passive avoidance test in F1 male rats on postnatal day

Dose groups (mg/kg/day)	PND 25±2			
	1-trial	2-trial	3-trial	4-trial
	Percentage of reach a learning (%)	Percentage of reach a learning (%)	Percentage of reach a learning (%)	Percentage of reach a learning (%)
1% Tween80 0	75	100	-	-
Parathion 0.3 + Methamidophos 0.4	100	-	-	-
Parathion 0.6 + Methamidophos 0.8	67	0	0	100

-: No examined because all animals had been reach a learning.

Table 14 - 2

Learning and memory - Passive avoidance test in F1 male rats on postnatal day

Dose groups (mg/kg/day)	PND 60-70			
	1-trial	2-trial	3-trial	4-trial
	Percentage of reach a learning (%)	Percentage of reach a learning (%)	Percentage of reach a learning (%)	Percentage of reach a learning (%)
1% Tween80 0	100	-	-	-
Parathion 0.3 + Methamidophos 0.4	100	-	-	-
Parathion 0.6 + Methamidophos 0.8	100	-	-	-

-: No examined because all animals had been reach a learning.

Table 15 - 1

Learning and memory - Passive avoidance test in F1 female rats on postnatal day

Dose groups (mg/kg/day)	PND 25±2			
	1-trial	2-trial	3-trial	4-trial
	Percentage of reach a learning (%)	Percentage of reach a learning (%)	Percentage of reach a learning (%)	Percentage of reach a learning (%)
1% Tween80 0	88	0	100	-
Parathion 0.3 + Methamidophos 0.4	86	0	0	100
Parathion 0.6 + Methamidophos 0.8	100	-	-	-

-: No examined because all animals had been reach a learning.

Table 15 - 2

Learning and memory - Passive avoidance test in F1 female rats on postnatal day

Dose groups (mg/kg/day)	PND 60-70			
	1-trial	2-trial	3-trial	4-trial
	Percentage of reach a learning (%)	Percentage of reach a learning (%)	Percentage of reach a learning (%)	Percentage of reach a learning (%)
1% Tween80 0	100	-	-	-
Parathion 0.3 + Methamidophos 0.4	100	-	-	-
Parathion 0.6 + Methamidophos 0.8	100	-	-	-

-: No examined because all animals had been reach a learning.