

parathion

38-parathion (CAS# 56-38-2)															
<b>Table 1a. Sub-lethal acute poisoning (single dose): Clinical observations (time related)</b>															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
								(a)							
no cases															
<b>Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]</b>															
MW parathion = 291.3															
(a) Data on blood plasma/serum acetylcholinesterase activity are available.															
<b>Table 1b. Sub-lethal acute poisoning (single dose): Clinical observations (without time information)</b>															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
								(a)							
no cases															
<b>Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]</b>															
MW parathion = 291.3															
(a) Data on blood plasma/serum acetylcholinesterase activity are available.															

Table 2a. Lethal acute poisoning (single dose): Clinical observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW parathion = 291.3															
Table 2b. Lethal acute poisoning (single dose): Clinical observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	Eyer 2001	1	49F	NR	25			(a)	12	41.2			N, PN	(b)	E384 (c)
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW parathion = 291.3															
(a) blood concentration of a metabolite, paraoxon, was 1 mg/l.															
(b) antidotal therapy with obidoxime, an re-inhibitor of acetylcholinesterase.															
(c) died after 16 days of oil pneumonia. Post-mortem analysis of the fat tissue revealed 6.5 mg parathion/kg.															

Table 3a. Post-mortem observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW parathion = 291.3															
Table 3b. Post-mortem observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	Bohn 1971	1	43M	NR	NR	(a)		(b)	1.8	6.18					E3
2	De Beer	2	65F	S		(c)		(d)	14.8	50.81				CR	NR
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW parathion = 291.3															
(a) possibly murdered by parathion mixed with alcohol.															
(b) 1.6 g alcohol/l (1.6 promille).															
(c) drank almost 1litre of Agroxyl, containing 250 g/l of 2-methyl-chlorophenoxyacetic acid (MCPA) sodium and potassium salts, together with unknown amount of parathion.															
(d) blood concentration of MCPA was 77.5 mg/l.															