

potassium chloride

75-potassium chloride (CAS# 7447-40-7)															
Table 1a. Sub-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/ml	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
1	Illingworth 1980	1	36M	S	NR	(a)	5	pl	347.99	8900			0h:V,LP,HA	0h:ST,FD	
		1					5.5	pl	297.16	7600					
		1					6.33	pl	238.51	6100					
		1					7.33	pl	250.24	6400					
		1					10	pl	172.04	4400					10
		2	58F	S	12.6	(b)	5	pl	312.80	8000			ba:V 0h:Cl,HA l:HA	0h:ST,FD	
		2					6	pl	355.81	9100					
		2					7	pl	308.89	7900					
		2					9	pl	242.42	6200					
		2					24	pl	152.49	3900					72
2	Ward 1987	3	50M	S	96		5	pl	355.81	9100			0h:MS,LP,MA,HA	0h:ST,FD l:PD	
		3					12	pl	347.99	8900					
		3					21	pl	191.59	4900					24 (c)
3	Steedman 1988	4	27F		36		12	pl	355.81	9100			ba:V 0h:CF,LP,HA,MA	0h:ST,FD	
		4					14.75	pl	215.05	5500					
		4					20.5	pl	156.40	4000					24
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW potassium (K+) = 39.1															
(a) plus alcohol and hydralazine (potassium:hydralazine 2400:1).															
(b) plus bendrofluazide 50 mg and some phenylbutazone.															
(c) discharged to psychiatric care.															

Table 1b. Sub-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/ml	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
1	GIC	1	17F	S	450	ED			360.00	9207			MS,V,H	ST,CER,HD	NR
2	Andersen 1980	2	22F	U,Z	60	(a)			355.81	9100			0h:HA		10
3	van der Loeff 1988	3	29F	U,A		(b)		pl	328.44	8400			0h:MS I:CA SS:N	0h:ST I:CR	24
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW potassium (K+) = 39.1															
(a) KCl.															
(b) KCl salt substitute.															
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/ml	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	AAPCC 1990:532	1	64F	I NR, S	NR	ET	2.5		383.18	9800			0h:MS,V 0.5h:CA	0h:ST,CER	4
2	Illingworth 1980	2	26M	I A, S	24	(a)	3.5	pl	363.63	9300			ba:V 0h:MS,LP 0.5h:CA	0h:ST	ET4
3	Saxena 1988	3	46F	I A, S	60	(b)	1	sr	375.36	9600			0h:CA,C,MA(6.8/1 2)		
		3					3	sr	297.16	7600			L:B	0h: ST,CR,AR,FD	
		3					6	sr	234.60	6000					336
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW potassium (K+) = 39.1															
(a) plus 10 distalgesic tablets (dextropropoxyphene not detected in blood).															
(b) blood alcohol 1.7 g/l one hour after potassium ingestion.															

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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/ml	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	AAPCC 1990:533	1	53	S	NR	(a)			375.36	9600			NR	NR	
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW potassium (K+) = 39.1															
(a) potassium chloride salt substitute.															

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
1	AAPCC 1990:532	1	64F	S	NR		4	(a)	1743.86	44600			0h: MS, V; 3h: CA	0h:ST,CER	4
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW potassium (K+) = 39.1															
(a) conc. 13.2 mEq/l potassium chloride in the vitreous humor.															

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/ml	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	Bhatkhande 1977	1	26F	S	NR	(a)		wb	3042.00	77800					
2	Wetli 1978	2	32F	S	NR			(c)	1743.86	10800					
3	Baselt 1995	3	Ad	NR	NR			(c)	684.25	17500					
4	Chaturvedi 1986	4	30F	NR	NR	(a)		pl	2111.40	54000					
		4						(c)	359.72	9200					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW potassium (K+) = 39.1															
(a) i.v. poisoning.															
(b) whole blood potassium concentration.															
(c) concentration of potassium in the vitreous humor.															