

97-acetaldehyde (CAS# 75-07-0)															
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/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
1	Korsten 1975	1	5 cases		NR	(a), E	1	(c), (d)	1.17	26.5					
		2	6 cases		NR	(b), E	1	(c), (e)	1.88	42.7					
2	Kobayashi 1983	3	59M	S		(f)	11		17.5	397.3			0.5h:C; 7h:C, HA.	7h:ST	24
3	Nuutinen	4	12 cases			(g), (h)		(j)	0.7	15.4					
		5	13 cases			(i), (h)		(k)	0.9	20.1					
4	Johnsen 1992	6	Ad			(l)		p	0.7	16					
		7	Ad			(l)		p	1.7	39					
		8	Ad			(l)		p	3.9	88			MS		
		9	Ad			(l)		p	4.4	101			MS		
		10	Ad			(l)		p	6.5	147			MS		
		11	Ad			(l)		p	8.2	186			MS		
		12	Ad			(l)		p	10.6	241			MS		
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW acetaldehyde = 44.1															
(a) experimental study; five men, a mean age of 39 years (range, 35 to 46). Alcohol was administered into the subclavian vein as a 15% (v/v) solution in 5% dextrose.															
(b) experimental study; six men with chronic alcoholism, a mean age of 39 years (range, 35 to 46), drinking heavily (intake greater than 150 g of alcohol per day). Alcohol was administered into the subclavian vein as a 15% (v/v) solution in 5 % dextrose.															
(c) ethanol level in blood of 17.4 to 32.6 mM.															
(d) acetaldehyde plateau (during 5 h from alcohol ingestion) 26.5 ± 1.5 µM.															
(e) acetaldehyde plateau (during 5 h from alcohol infusion) 42.7 ± 1.2 µM.															
(f) chronic alcoholic, 69 to 115 g of ethanol daily; consumed 1 g of cyanamide and 1800 ml of sake (rice wine), corresponding to 230 g ethanol, within 20 min..															
(g) experimental study; twelve healthy non-alcoholic male volunteers (20-41 years, mean 25).															
(h) the subjects drank 0.8 g/kg bw of ethanol as a 15% solution diluted in juice within 20-25 min.															
(i) experimental study; the thirteen chronic alcoholics with age ranging from 31 to 59 years (mean 40).															
(j) range 0.1-67.9 µM (blood concentration in hepatic vein).															
(k) range 0.2-164.0 µM (blood concentration in hepatic vein).															
(l) experimental study; ethanol dose of 0.2 g/kg bw four hours after ingestion of 50 mg calcium cyanamide (anti-alcohol drug).															

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 mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW acetaldehyde = 44.1															
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 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 acetaldehyde = 44.1															

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 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 acetaldehyde = 44.1															

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 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 acetaldehyde = 44.1															

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 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 acetaldehyde = 44.1															