

**In Vitro Cytotoxicity Validation Study  
Test Chemicals**

<b>Test Chemical</b>	<b>CAS #</b>	<b>Molecular Weight</b>	<b>Supplier</b>	<b>Product Code</b>	<b>Purity (%)</b>
Acetaminophen	103-90-2	151.20	SIGMA	A7085	99
Acetonitrile	75-05-8	41.05	SIGMA	A3396	99.5
Acetylsalicylic acid	50-78-2	180.20	SIGMA	A5376	99.5
Aminopterin	54-62-6	476.45	FLUKA	9328	100.3
5- Aminosalicylic acid	89-57-6	153.10	SIGMA	A3537	< 99
Amitriptyline HCl	549-18-8	313.90	SIGMA	A8404	100
Arsenic III Trioxide	1327-53-3	197.80	SIGMA	A1010	99.9
Atropine sulfate	5908-99-6	694.80	FLUKA	11330	100
Boric acid	10043-35-3	61.83	FLUKA	15660	100.1
Busulphan	55-98-1	246.31	FLUKA	19012	100.2
Cadmium II chloride	10108-64-2	183.31	FLUKA	20899	99.8
Caffeine	58-08-2	194.20	FLUKA	27600	99.9
Carbamazepine	298-46-4	236.30	SIGMA	C4024	> 99
Carbon tetrachloride	56-23-5	153.82	SIGMA-ALDRICH	289116-100ml	> 99.5
Chloral hydrate	302-17-0	165.40	SIGMA	C8383	100.1
Chloramphenicol	56-75-7	323.14	FLUKA	23275	> 99
Citric Acid	77-92-9	192.10	SIGMA	C0759	98
Colchicine	64-86-8	399.45	FLUKA	27650	> 98
Cupric Sulfate Pentahydrate	7758-99-8	249.70	SIGMA	C7631	99.7
Cycloheximide	66-81-9	281.40	SIGMA	C7698	100
Dibutyl phthalate	84-74-2	278.30	SIGMA	D2270	> 99
Dichlorvos (DDVP)	62-73-7	220.98	CHEM SERVICE INC.	PS-89	99.5
Diethyl phthalate	84-66-2	222.20	ALDRICH	524972	99.5
Digoxin	20830-75-5	780.90	SIGMA	D6003	98.6
Dimethylformamide	68-12-2	73.10	SIGMA-ALDRICH	270547-100ML	99.95
Diquat dibromide monohydrate	6385-62-2	362.10	CHEM SERVICE INC.	PS-365	99
Disulfoton	298-04-4	274.42	CHEM SERVICE INC.	PS-652	99.4
Endosulfan	115-29-7	406.91	CHEM SERVICE INC.	PS-81	99.5
Epinephrine bitartrate	51-42-3	333.30	SIGMA-ALDRICH	E4375	> 99
Ethanol	64-17-5	46.07	SIGMA-ALDRICH	E7023-500ML	100
Ethylene Glycol	107-21-1	62.07	ALDRICH	293237-1L	99.99

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Fenpropathrin	39515-41-8	349.42	VALENT	V-Arc-1430 archive number	91.8
Gibberellic acid	77-06-5	346.38	ACROS	41091-0000	99
Glutethimide	77-21-4	217.30	SIGMA-ALDRICH	G-102	> 99
Glycerol	56-81-5	92.09	SIGMA	G5516	99.9
Haloperidol	52-86-8	375.90	SIGMA	H1512	99
Hexachlorophene	70-30-4	406.91	SIGMA-ALDRICH	234583-100G	99.2
Lactic acid	50-21-5	90.08	SIGMA	L1893	88.6
Lindane	58-89-9	290.80	SIGMA	H4500	100
Lithium I carbonate	554-13-2	73.89	SIGMA	L9020	99.4
Meprobamate	57-53-4	218.30	SIGMA	M2392	> 99
Mercury II chloride	7487-94-7	271.50	SIGMA	M1136	99.5
Methanol	67-56-1	32.04	SIGMA-ALDRICH	270474-100ML	99.97
Nicotine	54-11-5	162.20	FLUKA	72290	> 99.0
Paraquat	1910-42-5	257.20	SIGMA	M2254	100
Parathion	56-38-2	291.28	SUPELCO	PS-95	98
Phenobarbital	50-06-6	232.23	SPECTRUM	PH118	100
Phenol	108-95-2	94.11	SIGMA	P4161	> 99.0
Phenylthiourea	103-85-5	152.20	SIGMA	P7629	98
Physostigmine	57-47-6	275.40	SIGMA	E8375	100
Potassium Chloride	7447-40-7	74.55	SIGMA	P9333	100
Potassium cyanide	151-50-8	65.12	MALLINCKRODT BAKER	3080	99.4
Procainamide HCl	614-39-1	271.79	SIGMA-ALDRICH	222968-25G	99.7
2 Propanol (Isopropyl alcohol)	67-63-0	60.10	SIGMA	I0398	> 99.9
DL Propranolol	350-60-90	295.80	SIGMA	P0884	100
Propylparaben	94-13-3	180.20	FLUKA	54790	> 99
Sodium arsenite	7784-46-5	129.90	FLUKA	71287	> 99.0
Sodium chloride	7647-14-5	58.44	SIGMA	S7653	99.5
Sodium dichromate dihydrate	7789-12-0	298.00	SIGMA	S9791	100.4
Sodium Fluoride	7681-49-4	41.99	SIGMA	S6521	100
Sodium hypochlorite	7681-52-9	74.44	SIGMA-ALDRICH	425044-250ml	12.9% available
Sodium Lauryl Sulfate (SLS)	151-21-3	288.40	SIGMA	L6026	99.4

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Sodium oxalate	62-76-0	134.00	SIGMA-ALDRICH	223433-100G	99.99
Sodium Selenate Anhydrous	13410-01-0	188.90	All-Chemie Ltd.; SIGMA-Aldrich	S0882	99.99
Strychnine	57-24-9	334.40	SIGMA	S0532	99
Thallium I sulfate	7446-18-6	504.80	ALDRICH	20462-5	99.995
Trichloroacetic acid	76-03-9	163.40	ALDRICH	522082	> 99
1, 1, 1- Trichloroethane	71-55-6	133.41	SIGMA-ALDRICH	298999-100ml	99.78
Triethylenemelamine	51-18-3	204.23	ACROS	26905-0000	98
Triphenyltin hydroxide	76-87-9	367.02	SIGMA-ALDRICH	348104-100G	> 99 approx.
Valproic acid	99-66-1	144.20	SIGMA	P6273	100
Verapamil HCl	152-11-4	491.08	SIGMA-ALDRICH	381195-5G	98
Xylene	1330-20-7	106.17	MALLINCKRODT BAKER	2770731	99.9