



CHEMICAL COMPATIBILITY AND INCOMPATIBILITY LIST

CHEMICAL COMPATIBILITY/INCOMPATIBILITY LIST			
Reagent	Concentration	Compatible Reagent	Incompatible Reagent
A			
Acetaldehyde		+	
Acetic acid	100%	+	
Acetic acid	96%	+	
Acetic anhydride		+	
Acetone		+	
Acetonitrile		+	
Acetophenone			-
Acetylacetone		+	
Acetyl chloride			-
Acrylic acid		+	
Acrylonitrile		+	
Adipic acid		+	
Allyl alcohol		+	
Aluminium chloride		+	
Amino acids		+	
Ammonia	20%	+	
Ammonia	20%-30%	+	
Ammonium chloride		+	
Ammonium fluoride		+	
Ammonium sulfate		+	
n-Amyl acetate		+	
Amyl alcohol		+	
Amyl chloride			-
Aniline		+	

B			
Barium chloride		+	
Benzaldehyde		+	
Benzol		+	
Benzine			-
Benzoyl chloride		+	
Benzyl alcohol		+	
Benzylamine		+	
Benzylchloride		+	
Boric acid	10%	+	
Bromobenzene		+	
Bromonaphthalene		+	
Butanediol		+	
1-Butanol		+	
n-Butyl acetate		+	
Butyl methyl ether		+	
Butylamine		+	
Butyric acid		+	
C			
Calcium carbonate		+	
Calcium chloride		+	
Calcium hydroxide		+	
Calcium hypochlorite		+	
Carbon tetrachloride			-
Chloro naphthalene		+	
Chloroacetaldehyde	45%	+	
Chloroacetic acid		+	
Chloroacetone		+	
Chlorobenzene		+	
Chlorobutane		+	
Chloroform			-
Chlorosulfonic acid		+	
Chromic acid	50%	+	
Chromosulfuric acid		+	
Copper sulfate		+	
Cresol			-
Cumene		+	
Cyclohexane			-
Cyclohexanone		+	
Cyclopentane			-
D			
Decane		+	
1-Decanol		+	
Dibenzyl ether		+	
Dichlorobenzene		+	
Dichloromethane			-

Dichloroacetic acid		+	
Dichloroethane			-
Dichloroethylene			-
Diesel oil			-
Diethanolamine		+	
Diethyl ether			-
Diethylamine		+	
1.2 Diethylbenzene		+	
Diethylene glycol		+	
Dimethyl sulfoxide		+	
Dimethylaniline		+	
Dimethylformamide		+	
1.4 Dioxane			-
Diphenyl ether		+	
E			
Ethanolamine		+	
Ethyl acetate		+	
Ethyl alcohol		+	
Ethylbenzene			-
Ethylene chloride			-
F			
Fluoroacetic acid		+	
Formaldehyde	40%	+	
Formamide		+	
Formic acid	100%	+	
G			
Glycerol		+	
Glycol		+	
Glycolic acid	50%	+	
H			
Heating oil			-
Heptane			-
Hexane			-
Hexanoic acid		+	
Hexanol		+	
Hydriodic acid	57%	+	
Hydrobromic acid		+	
Hydrochloric acid	20%	+	
Hydrochloric acid	20%–37%	+	
Hydrogen peroxide	35%		-
I			
Isooctane			-
Isoamyl alcohol		+	
Isobutanol		+	
Isopropanol		+	
Isopropyl ether		+	

L			
Lactic acid		+	
M			
Methoxybenzene		+	
Methyl alcohol		+	
Methyl benzoate		+	
Methyl butyl ether		+	
Methyl ethyl ketone		+	
Methyl formate		+	
Methyl propyl ketone		+	
Methylene chloride			-
Mineral oil		+	
Monochloroacetic acid		+	
N			
Nitric acid	30%	+	
Nitric acid	30%–70%	+	
Nitrobenzene		+	
O			
Oleic acid		+	
Oxalic acid		+	
P			
n-Pentane			-
Peracetic acid		+	
Perchloric acid		+	
Perchloroethylene			-
Petroleum			-
Petroleum ether			-
Phenol		+	
Phenylethanol		+	
Phenylhydrazine		+	
Phosphoric acid	85%	+	
Phosphoric acid 85% + Sulfuric acid 98%, 1:1		+	
Piperidine		+	
Potassium chloride		+	
Potassium dichromate		+	
Potassium hydroxide		+	
Potassium permanganate		+	
Propionic acid		+	
Propylene glycol		+	
Pyridine		+	
Pyruvic acid		+	

S			
Salicylaldehyde		+	
Silver acetate		+	
Silver nitrate		+	
Sodium acetate		+	
Sodium chloride		+	
Sodium dichromate		+	
Sodium fluoride		+	
Sodium hydroxide	30%	+	
Sodium hypochlorite		+	
Sulfuric acid	98%	+	
T			
Tartaric acid		+	
Tetrachloroethylene			-
Tetrahydrofuran			-
Tetramethylammonium hydroxide		+	
Toluene			-
Trichloroacetic acid		+	
Trichlorobenzene			-
Trichloroethane			-
Trichloroethylene			-
Trichlorotrifluoro ethane			-
Triethanolamine		+	
Triethylene glycol		+	
Trifluoro ethane			-
Trifluoroacetic acid		+	
Turpentine			-
U			
Urea		+	
X			
Xylene			-
Z			
Zinc chloride	10%	+	
Zinc sulfate	10%	+	

NOTE

It is recommended to frequently clean and rinse the device twice a month.

CAUTION

Observe the general safety precautions for handling chemicals (protective clothing, protective goggles, etc.) Refer to DISPENSMAN® user's guide LT801577 before using the instruments.

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