

## Areas of application / Suggested dispenser (as of July 2013)

■ Dispensette® III (Disp. III) ■ Dispensette® Organic (Disp. Organic)

Reagent	Disp. III	Disp. Organic	Reagent	Disp. III	Disp. Organic	Reagent	Disp. III	Disp. Organic
Acetaldehyde	+	+	Cyclohexane		+	Mineral oil (Engine oil)	+	+
Acetic acid (glacial), 100%	+	+	Cyclohexanone	+	+	Monochloroacetic acid	+	+
Acetic acid, 96%	+	+	Cyclopentane		+	Nitric acid, 30%	+	+
Acetic anhydride		+	Decane	+	+	Nitric acid, 30-70% *		+
Acetone	+	+	1-Decanol	+	+	Nitrobenzene	+	+
Acetonitrile	+	+	Dibenzyl ether	+	+	Oleic acid	+	+
Acetophenone		+	Dichloroacetic acid		+	Oxalic acid	+	
Acetyl chloride		+	Dichlorobenzene	+	+	n-Pentane		+
Acetylacetone	+	+	Dichloroethane		+	Peracetic acid		+
Acrylic acid	+	+	Dichloroethylene		+	Perchloric acid	+	+
Acrylonitrile	+	+	Dichloromethane		+	Perchloroethylene		+
Adipic acid	+		Diesel oil (Heating oil), bp 250-350 °C)		+	Petroleum, bp 180-220°C		+
Allyl alcohol	+	+	Diethanolamine	+	+	Petroleum ether, bp 40-70°C		+
Aluminium chloride	+		Diethyl ether		+	Phenol	+	+
Amino acids	+		Diethylamine	+	+	Phenylethanol	+	+
Ammonia, 20%	+	+	1,2 Diethylbenzene	+	+	Phenylhydrazine	+	+
Ammonia, 20-30%		+	Diethylene glycol	+	+	Phosphoric acid, 85%	+	+
Ammonium chloride	+		Dimethyl sulfoxide (DMSO)	+	+	Phosphoric acid, 85% + Sulfuric acid, 98%, 1:1	+	+
Ammonium fluoride	+		Dimethylaniline	+		Piperidine	+	+
Ammonium sulfate	+		Dimethylformamide (DMF)	+	+	Potassium chloride	+	
n-Amyl acetate	+	+	1,4 Dioxane		+	Potassium dichromate	+	
Amyl alcohol (Pentanol)	+	+	Diphenyl ether	+	+	Potassium hydroxide	+	
Amyl chloride (Chloropentane)		+	Essential Oil		+	Potassium permanganate	+	
Aniline	+	+	Ethanol	+	+	Propionic acid	+	+
Barium chloride	+		Ethanolamine	+	+	Propylene glycol (Propanediol)	+	+
Benzaldehyde	+	+	Ethyl acetate	+	+	Pyridine	+	+
Benzene (Benzol)	+	+	Ethylbenzene		+	Pyruvic acid	+	+
Benzine (Petroleum benzin), bp 70-180 °C		+	Ethylene chloride		+	Salicylaldehyde	+	+
Benzyl chloride	+	+	Fluoroacetic acid	+	+	Scintillation fluid	+	+
Benzyl alcohol	+	+	Formaldehyde, 40%	+		Silver acetate	+	
Benzylamine	+	+	Formamide	+	+	Silver nitrate	+	
Benzylchloride	+	+	Formic acid, 100%	+	+	Sodium acetate	+	
Boric acid, 10%	+	+	Glycerol	+	+	Sodium chloride	+	
Bromobenzene	+	+	Glycol (Ethylene glycol)	+	+	Sodium dichromate	+	
Bromonaphthalene	+	+	Glycolic acid, 50%	+		Sodium fluoride	+	
Butanediol	+	+	Heating oil (Diesel oil), bp 250-350°C		+	Sodium hydroxide, 30%	+	
1-Butanol	+	+	Heptane		+	Sodium hypochlorite	+	
n-Butyl acetate	+	+	Hexane		+	Sulfuric acid, 98%	+	+
Butyl methyl ether	+	+	Hexanoic acid	+	+	Tartaric acid	+	
Butylamine	+	+	Hexanol	+	+	Tetrachloroethylene		+
Butyric acid	+	+	Hydriodic acid	+	+	Tetrahydrofuran (THF) */ **		+
Calcium carbonate	+		Hydrobromic acid		+	Tetramethylammonium hydroxide	+	
Calcium chloride	+		Hydrochloric acid, 20%	+	+	Toluene		+
Calcium hydroxide	+		Hydrochloric acid, 20-37%		+	Trichloroacetic acid		+
Calcium hypochlorite	+		Hydrogen peroxide, 35%		+	Trichlorobenzene		+
Carbon tetrachloride		+	Isoamyl alcohol	+	+	Trichloroethane		+
Chloro naphthalene	+	+	Isobutanol	+	+	Trichloroethylene		+
Chloroacetaldehyde, 45%	+	+	Isooctane		+	Trichlorotrifluoro ethane		+
Chloroacetic acid	+	+	Isopropanol (2-Propanol)	+	+	Triethanolamine	+	+
Chloroacetone	+	+	Isopropyl ether	+	+	Triethylene glycol	+	+
Chlorobenzene	+	+	Lactic acid	+		Trifluoro ethane		+
Chlorobutane	+	+	Methanol	+	+	Trifluoroacetic acid (TFA)		+
Chloroform		+	Methoxybenzene	+	+	Turpentine		+
Chlorosulfonic acid		+	Methyl benzoate	+	+	Urea	+	
Chromic acid, 50%	+	+	Methyl butyl ether	+	+	Xylene		+
Chromosulfuric acid	+		Methyl ethyl ketone	+	+	Zinc chloride, 10%	+	
Copper sulfate	+		Methyl formate	+	+	Zinc sulfate, 10%	+	
Cresol		+	Methyl propyl ketone	+	+			
Cumene (Isopropyl benzene)	+	+	Methylene chloride		+			

\* use ETFE/PTFE bottle adapter

\*\* use PTFE seal

The above recommendations reflect testing completed prior to publication. Always follow instructions in the operating manual of the instrument as well as the reagent manufacturer's specifications. In addition to these chemicals, a variety of organic and inorganic saline solutions (e.g., biological buffers), biological detergents and media for cell culture can be dispensed. Should you require information on chemicals not listed, please feel free to contact BrandTech Scientific. Status as of: 07/13/12

### Dispensette® TA Pt-Ir

For dispensing HF, we recommend the use of the Dispensette® TA bottle-top dispenser with platinum-iridium valve spring (Cat. No. 4741041, page 37).