



BIBBYPET

Technical Note: T13-003A

## Chemical compatibility of the Bibbypet dispensers

The recommendations below 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.

✓	<b>Compatible</b>
x	<b>Non-compatible</b>

Chemical	Bibbypet
Acetaldehyde	x
Acetic acid, 5%	✓
Acetic acid, 96%	x
Acetic acid (glacial), 100%	x
Acetone	x
Acetonitrile	x
Acetophenone	✓
Acetylacetone	✓
Acrylic acid	x
Acrylonitrile	x
Adipic acid	✓
Agar (60°C)	✓
Allyl alcohol	✓
Aluminium chloride	✓
Amino acids	✓
Ammonium chloride	✓
Ammonium fluoride	✓
Ammonium hydroxide, 30%	✓
Ammonium sulphate	✓
n-Amyl acetate	x
Amyl alcohol (Pentanol)	✓
Aniline	x
Barium chloride	✓
Benzaldehyde	x
Benzyl alcohol	x
Benzylamine	x
Benzylchloride	x
Boric acid, 10%	✓
Butanediol	✓
1-Butanol	x
n-Butyl acetate	x
Butylamine	x
Calcium carbonate	✓
Calcium chloride	✓
Calcium hydroxide	✓
Calcium hydroxide in Ethanol	✓
Calcium hypochlorite	✓
Chloroacetaldehyde, 45%	x
Chloroacetic acid	x
Chromic acid, 50%	x

Chemical	Bibbypet
Copper sulphate	✓
Cumene (isopropyl benzene)	x
Diethylene glycol	✓
Dimethyl sulphoxide (DMSO)	x
Dimethylaniline	x
Essential oil	x
Ethanol	✓
Ethyl methyl ketone	✓
Formaldehyde, 40%	✓
Formamide	✓
Formic acid, 100%	x
Glycerol	✓
Glycol (Ethylene glycol)	✓
Glycolic acid, 50%	✓
Hexanoic acid	✓
Hexanol	x
Hydriodic acid	✓
Hydrobromic acid	x
Hydrochloric acid, 37%	x
Hydrogen peroxide, 35%	✓
Isoamyl alcohol	x
Isobutanol	✓
Isopropanol (2-propanol)	✓
Lactic acid	✓
Methanol	✓
Methyl benzoate	x
Methyl propyl ketone	x
Mineral oil (Engine oil)	x
Monochloroacetic acid	x
Nitric acid, 10%	x
Oxalic acid	✓
Perchloric acid	x
Phenol	x
Phosphoric acid, 85%	x
Piperidine	x
Potassium chloride	✓
Potassium dichromate	✓
Potassium hydroxide	✓
Potassium permanganate	✓
Propionic acid	✓



Chemical	Bibbypet
Propylene glycol (Propanediol)	✓
Pyridine	x
Pyruvic acid	✓
Salicylaldehyde	x
Salicylic acid	✓
Silver acetate	✓
Silver nitrate	✓
Sodium acetate	✓
Sodium chloride	✓

Chemical	Bibbypet
Sodium dichromate	✓
Sodium fluoride	✓
Sodium hydroxide, 30%	✓
Sodium hypochlorite	✓
Sulphuric acid, 10%	✓
Tartaric acid	x
Urea	✓
Zinc chloride, 10%	✓
Zinc sulphate, 10%	✓