

13. 化學相容性表

儲存條件

儀器和配件只能在清潔條件下存放在陰涼乾燥處。

化學相容性表

從 A 到 Z 的化學品

以下清單包括最常用的化學品。

它為安全和充分使用分配器提供了有用的資訊。但是，必須嚴格遵守操作說明中的安全預防措施和建議。

代碼說明

A = 良好的抵抗力

B = 可接受但有限制

C = 不推薦

1 = 酸性蒸氣（濃度更低時具有更好的耐受性）。
在沖洗模式下沖洗儀器，否則不要將儀器留在瓶子上。

2 = 外部部件因蒸汽而損壞、軟化或變色的風險。
在沖洗模式下沖洗儀器，否則不要將儀器留在瓶子上。

3 = 玻璃部件（柱塞/桶）的化學降解。

試劑清單

化學藥品 A - Z

A

Acetaldehyde	A
Acetic acid (glacial), 100%	B/2
Acetic acid, 96%	A
Acetic anhydride	B/2
Acetone(Propanone)	B/2
Acetonitrile (MECN)	A
Acetophenone	B/2
Acetyl chloride	B/2
Acetylacetone	A
Acrylic acid	A
Acrylonitrile	B/2
Adipic acid	A
Allyl alcohol	A
Aluminium chloride	A
Amino acids	A
Ammonia, 20%	B/2
Ammonia, 20-30%	B/2
Ammonium chloride	A
Ammonium fluoride	A
Ammonium molybdate	A
Ammonium sulfate	A
n-Amyl acetate	B/2
Amyl alcohol (Pentanol)	A
Amyl chloride (Chloropentane)	B/2
Aniline	A
Ascorbic acid	A

B

Barium chloride	A
Benzaldehyde	A
Benzene	B/2
Benzine (Petroleum benzene) - bp 70-180 °C	A
Benzoyl chloride	B/2
Benzyl alcohol	A
Benzyl amine	A
Benzyl Chloride	B/2
Bis (2-ethylhexyl) phthalate	B/2
Boric acid, 10%	A
Bromine	C/2
Bromobenzene	B/2
Bromonaphthalene	A
Butanediol	A
Butanol	A
Butyl acetate	B/2
Butyl methyl ether	B/2
Butylamine	B/2
Butyric acid	B/2

C

Calcium carbonate	A
Calcium chloride	A
Calcium hydroxide	A
Calcium hypochlorite	A
Carbon disulfide	B/2
Carbon tetrachloride	B/2
Chlorine dioxide	B/2
Chlorine water	B/2
Chloro naphthalene	B/2
Chloroacetaldehyde, ≤45%	A
Chloroacetic acid	A
Chloroacetone	B/2
Chlorobenzene	B/2
Chlorobutane	B/2
Chloroethanol	B/2
Chloroform (Trichloromethane)	B/2
Nitro-hydrochloric acid (Aqua regia)	B/2
Chlorosulfonic acid	B/2
Chlorosulfuric acid 100%	B/1/2
Chromic acid, 100%	B/1/2
Chromosulfuric acid	C/1/2
Citric acid	A
Copper fluoride	A
Copper sulfate	A
Covi-Ox-T70/Mixed Tocopherol	A
Cresol	A
Cumene (Isopropyl benzene)	B/2
Cyanoacrylate	A
Cyclohexane	B/2
Cyclohexanone	B/2
Cyclopentane	B/2

D

Decane	A
Di-(2-ethylhexyl) peroxydicarbonate	B/2
1-Decanol	A
Dibenzyl ether	B/2
Dichloroacetic acid	A
Dichlorobenzene	A
Dichloroethane	A
Dichloroethylene	B/2
Dichloromethane	B/1
Diesel oil (Heating oil), bp 250-350°C	A
Diethanolamine	A
Diethylether	B/2
Diethylamine	B/2
1,2 Diethyl benzene	B/2
Diethylene glycol	A

試劑清單

D

Dimethylacetamide	A
Dimethyl sulfoxide (DMSO)	B/2
Dimethylaniline	A
Dimethylformamide (DMF)	B/2
1,4 Dioxane (Diethylene dioxide)	B/2
Diphenyl ether	A

E

Essential oil	A
Ethanol	A
Ethanolamine	B/2
Ether	B/2
Ethyl acetate	B/2
Ethylbenzene	B/2
Ethylene chloride	B/2
Ethylene diamine	A
Ethylene glycol	A

F

Fluoro acetic acid	B/2
Formaldehyde, ≤40% (Formalin)	A
Formamide	A
Formic acid, ≤100%	A

G

Gamma-butyrolactone	A
Gasoline	B/2
Glycerin ≤40%	A
Glycerol	A
Glycol (Ethylene glycol)	A
Glycolic acid, ≤50%	A

H

Heating oil (Diesel oil), bp 250-350°C	A
Heptane	A
Hexane	A
Hexanoic acid	A
Hexanol	A
Hydriodic acid, ≤57%	B/2
Hydrobromic acid	A
Hydrochloric acid, ≤20%	A
Hydrochloric acid, 20-37%	B/1
Hydrofluoric acid (HF)	C/3
Hydrogen peroxide	A

I

Iodine	A
Iodine bromide	C/2
Iodine chloride	C/2
Isoamyl alcohol	A
Isobutanol	A

I

Isooctane	A
Isopropanol (2-Propanol)	A
Isopropyl ether	B/2
Iso-propylamine	B/2

K

Kerosene	A
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L

Lactic acid	A
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M

2-Methoxyethanol	A
Methanol	A
Methoxybenzene (Anisol)	B/2
Methyl benzoate	B/2
Methyl tert butyl ether	B/2
Methyl ethyl ketone (MEK/Butanone)	B/2
Methyl formate	A
Methyl iodide (Iodomethane)	B/2
Methyl methacrylate (MMA)	B/2
Methyl propyl ketone (2-Pentanone)	A
Methylene chloride (Chloromethane)	B/2
Methylene chloride - (Dichloromethane) (DCM)	B/2
Methylpentanone	A
Mineral oil (Engine oil)	A
Monochloroacetic acid	A

N

Nitric acid 100%	A
Nitric acid, 30-70%	A
Nitric acid dil, <30%	A
Nitrobenzene	B/2
Nitromethane	B/2
N-methyl-2-pyrrolidone (NMP)	A

O

Oleic acid	A
Oxalic acid	A
Octane	A
Octanol	A
Oil (Vegetable, Animal)	B/2
Oil of turpentine	B/2
Oleum (Fuming sulfuric acid)	A

P

Pentane	B/2
Peracetic acid	A
Perchloric acid 100%	B/2
Perchloric acid diluted	A
Perchloroethylene	B/2
Petroleum	B/2

試劑清單

P

Petroleum ether, spirit	B/2
Phenol	A
Phenylethanol	B/2
Phenylhydrazine	B/2
Phosphoric acid 100%	A
Phosphoric acid, ≤85%	A
Piperidine	B/2
Potassium chloride	A
Potassium dichromate	A
Potassium dihydrogen phosphate	A
Potassium hydroxide	A
Potassium iodide	A
Potassium permanganate (persulfate)	A
Potassium peroxydisulfate	A
Potassium sulfate	A
Propionic acid (Propanoic acid)	A
Propylene glycol (Propane-1,2-diol)	A
Propylene oxide	A
Picric acid (Trinitrophenol)	B/2
Pyridine	B/2
Pyruvic acid	A

R

Resorcin	A
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S

Salicylaldehyde	A
Scintillation fluid	A
Silver acetate	A
Silver nitrate	A
Sodium acetate	A
Sodium chloride	A
Sodium dichromate	A
Sodium fluoride	A
Sodium hydroxide, ≤30%	A
Sodium hypochlorite	A
Sodium thiosulfate	A

S

Sulfonitric acid 100%	B/2
Sulfur dioxide	B/2
Sulfuric acid 100%	B/2
Sulfuric acid <10%	A
Sulfuric acid (10-75%)	B/1
Sulfuric acid (Cold conc.)	A
Sulfuric acid (Hot conc.)	B/2

T

Tartaric acid	A
Tetrachloroethylene	B/2
Tetramethylammonium hydroxide	A
Toluene	B/2
Trichloroethylene	B/2
Trichloroacetic acid	B/2
Trichlorobenzene	B/2
Trichloroethane	B/2
Triethanolamine	A
Triethylamine	A
Trichloroethylene	B/2
Trichlorotrifluoro ethane	B/2
Triethanolamine	A
Triethylene glycol	A
Trifluoromethane (Fluoroform)	B/2
Trifluoro ethane	B/2
Trifluoroacetic anhydride (TFAA)	B/2
Turpentine	A

U

Urea	A
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X

Xylene	B/2
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Z

Zinc chloride, ≤10%	A
Zinc sulfate, ≤10%	A

注意：

始終遵循分配器操作手冊中的說明以及試劑製造商的規格。除了這些化學品外，還可以分配各種有機和無機鹽水溶液（例如，生物緩衝液），生物洗滌劑和細胞培養基。如果與強酸一起使用，建議在每個工作日結束時沖洗並取出分配器並安全存放。如果需要未列出的化學品資訊，請與我們聯繫。