

Chemical Compatibility Chart

过滤膜化学相容性指南

√= compatible ×=limited compatible ●=not compatible ○=Not tested

Note: Chemical Compatibilities can be influenced by various factors. Therefore, we recommend that you confirm Chemical Compatibilities with the liquid you wish to filter by performing a trial filtration run before you begin with the actual filtration.

按语：本指南仅供参考。望您在实际实验中先做预实验。

English Name	中文名	尼龙 NY	聚四氟乙烯 PTFE	聚偏氟乙烯 PVDF	醋酸纤维素 CA	硝酸纤维素 CN	混合纤维素 MCE	聚醚砜 PES	再生纤维素 RC
Acetic, Glacial	冰醋酸	●	√	√	×	×	●	√	√
Acetic, 25%	25%醋酸	●	√	√	●	√	●	○	○
Hydrochloric ,Concentrated	浓盐酸	×	×	√	×	×	×	√	√
Hydrochloric ,25%	25%盐酸	●	√	√	√	√	×	√	√
Sulfuric, Concentrated	浓硫酸	×	√	●	×	×	×	●	×
Sulfuric, 25%	25%硫酸	×	√	√	×	×	×	○	○
Nitric, Concentrated	浓硝酸	×	√	●	×	×	×	●	●
Nitric, 25%	25%硝酸	×	√	●	●	●	×	●	√
Phosphoric,25%	25%磷酸	×	√	√	√	√	×	○	√
Formic,25%	25%甲酸	×	√	√	●	√	×	○	○
Trichloroacetic,10%	10%三氯乙酸	●	√	√	√	√	√	○	○

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Methanol,98%	98% 甲醇	✓	✓	✓	✓	●	●	✓	✓
Ethanol,98%	98% 乙醇	✓	✓	✓	✓	●	●	✓	✓
Ethanol,70%	70% 乙醇	✓	✓	✓	✓	●	✓	✓	✓
Isopropanol	异丙醇	✓	✓	✓	✓	✓	○	✓	✓
n-Propanol	正丙醇	✓	✓	✓	✓	✓	✓	○	○
Amyl Alcohol	戊醇	✓	✓	✓	×	×	×	✓	✓
Butyl Alcohol	丁醇	✓	✓	✓	✓	✓	✓	✓	✓
Benzyl Alcohol	苯甲醇	✓	✓	✓	●	●	×	✓	✓
Ethylene Glycol	乙二醇	✓	✓	✓	✓	●	×	✓	✓
Propylene Glycol	丙二醇	✓	✓	✓	●	●	○	✓	✓
Glycerol	甘油	✓	✓	✓	✓	✓	✓	✓	✓
Hexane	己烷	✓	✓	✓	✓	✓	✓	×	○
Toluene	甲苯	✓	✓	✓	✓	✓	✓	●	✓
Benzene	苯	✓	✓	✓	✓	✓	✓	×	✓
Gasoline	汽油	✓	✓	✓	✓	✓	✓	✓	✓
Methylene Chloride	氯甲烷	●	✓	✓	×	●	×	●	✓

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Chlorobenzene(Mono)	氯苯	√	√	√	√	√	√	○	○
Chloroform	氯仿	●	√	√	×	√	×	●	√
Acetone	丙酮	√	√	×	×	×	×	●	√
Cyclohexanone	环己酮	√	√	×	×	×	×	●	√
Methyl Ethyl Ketone	甲乙酮	√	√	●	●	×	×	○	○
Isopropylacetone	异丙基丙酮	√	√	×	√	●	○	○	○
MIBK	甲基异丁酮	√	√	×	√	×	○	○	○
Ethyl Acetate	乙酸乙酯	√	√	√	×	×	×	×	√
Methyl Acetate	乙酸甲酯	●	√	●	×	×	×	●	√
Amyl Acetate	乙酸戊酯	√	√	√	●	×	×	○	√
Butyl Acetate	乙酸丁酯	√	√	√	●	×	×	○	√
Propyl Acetate	乙酸丙酯	●	×	√	×	×	×	○	○
2-Ethoxyethyl Acetate	乙酸乙氧乙酯	●	●	●	●	●	×	○	○
Benzyl Benzoate	苯甲酸苄酯	√	√	○	√	√	√	○	○
Ethyl Ether	乙醚	√	√	√	●	●	×	√	√
Dioxane	二氧六环	√	√	●	×	×	×	○	×

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Tetrahydrofuran(THF)	四氢呋喃	√	√	●	×	×	×	●	×
DMSO	二甲亚砜	●	√	√	×	×	×	○	○
Dimethyl Formamide(DMF)	二甲基甲酰胺	√	√	×	×	×	×	●	×
Diethyl Acetamide	乙酰二乙胺	√	√	√	×	×	×	○	○
Triethanolamine	三乙醇胺	√	√	√	√	√	√	○	○
Aniline	苯胺	●	√	√	×	●	○	●	√
Pyridine	吡啶	√	×	●	×	×	×	●	√
Acetonitrile	乙腈	√	√	√	×	×	×	●	√
Phenol Aqueous,10%	10%苯酚	×	√	●	×	●	√	●	√
Formaldehyde Solution,30%	30%甲醛	√	√	√	●	√	○	√	×
Hydrogen Peroxide,30%	30%过氧化氢	×	√	√	√	√	√	○	○
Silicone Oil	硅油	√	√	√	√	√	√	○	○

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