

Alfa Aesar Solvent Selection Guide

Alfa Aesar is pleased to offer our comprehensive line of HPLC, Spectrophotometric, Semiconductor and ACS Grade solvents. Each Alfa Aesar solvent provides consistent quality which meets or exceeds current standards. HPLC and spectrophotometric solvents are glass distilled and filtered through a 0.2 micron membrane to remove particulates. Each bottle is rinsed with the same solvent prior to packaging. Below is a representative listing of the solvents Alfa Aesar has to offer.

Solvent	ACS	HPLC	Spectro- photometric	Semi- conductor
Acetone	30698	22928	32451	19392
Acetonitrile	36423	22927	32470	—
Benzene	33290	39196	33291	—
1-Butanol	31068	22925	32443	—
2-Butanone (MEK)	39119	22924	19389	—
n-Butylacetate	XX	—	—	19395
Carbon disulfide	XX	38993	—	—
Carbon disulfide (low benzene)	XX	38992	—	—
Chlorobenzene	36401	22922	22921	—
Chloroform	32614	22920	32442	—
Cyclohexane	22864	22919	32461	—
Cyclohexanone	33309	—	—	—
1,2-Dichlorobenzene	XX	19385	32154	—
1,2-Dichloroethane	39121	22918	32462	—
Dichloromethane	39116	22917	32440	—
Dimethylacetamide	XX	22916	32445	—
N,N-Dimethylformamide	39117	22915	13808	—
Dimethylsulfoxide	36480	22914	32434	—
p-Dioxane	39118	22913	32453	—
Ethanol (anhydrous)	33361	22930	22931	—
Diethyl ether	XX	38990	—	—
Ether, petroleum	XX	38985	—	—
Ethyl acetate	31344	22912	39177	—
Glycerol, ultrapure	36646	38988	32450	—
Heptanes	XX	22911	32441	—
Hexanes	33321	22910	32454	—
Isobutanol	36643	22908	32433	—
Isopropanol	36644	22906	39194	—
Methanol, absolute low acetone	31721	—	—	—
Methanol, ultrapure	XX	22909	32435	19393
2-Methoxyethanol	31733	—	32444	—
1-Methyl-2-pyrrolidinone	XX	38986	39176	—
Pentane	XX	22907	32449	—
1-Propanol	XX	22932	22933	—
2-Propanol	36644	22906	39194	19397
Pyridine	19378	22905	32436	—
Tetrachloroethylene	XX	—	32437	—
Tetrahydrofuran, UV	30760	22904	32468	—
Tetrahydrofuran, non UV	XX	38994	—	—
Toluene	31755	22903	19376	19399
1,1,1-Trichloroethane	39115	—	—	19400
1,2,4-Trichlorobenzene	XX	—	19390	—
1,1,1-Trichloroethylene	19401	—	39175	39744
2,2,4-Trimethylpentane	31787	22901	32447	—
Water	36645	22934	19391	—
o-Xylene	XX	22902	32471	19402
Xylenes	16371	—	—	—

XX = No ACS specifications established per ACS Committee on analytical reagents.

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