UV Cutoff

Burdick & Jackson solvents are arranged in order of increasing UV cutoff, the wavelength at which the solvent absorbance in a 1 cm path length cell is equal to 1 AU (absorbance unit) using water in the reference cell.

	UV Cutoff (nm)
Acetonitrile UV	190
Pentane	190
Water	190
Hexane UV	195
Cyclopentane	198
Cyclohexane	200
Heptane	200
Isopropyl Alcohol	205
Methanol	205
Ethyl Alcohol	210
2-Methoxyethanol	210
Methyl *t*-Butyl Ether	210
n-Propyl Alcohol	210
Trifluoroacetic Acid	210
Tetrahydrofuran UV	212
n-Butyl Alcohol	215
1,4-Dioxane	215
Ethyl Ether	215
Iso-Octane	215
n-Butyl Chloride	220
Glyme	220
Isobutyl Alcohol	220
Propylene Carbonate	220
Ethylene Dichloride	228
1,1,2-Trichlorotrifluoroethane	231

Dichloromethane	233
Chloroform	245
n-Butyl Acetate	254
Ethyl Acetate	256
Dimethyl Acetamide	268
N,*N*-Dimethylformamide	268
Dimethyl Sulfoxide	268
Toluene	284
N-Methylpyrrolidone	285
Chlorobenzene	287
o-Xylene	288
o-Dichlorobenzene	295
1,2,4-Trichlorobenzene	308
Methyl Ethyl Ketone	329
Acetone	330
Methyl Isoamyl Ketone	330
Methyl *n*-Propyl Ketone	331
Methyl Isobutyl Ketone	334

Not included:

Isopropyl Myristate
Petroleum Ether
Pyridine
Triethylamine