

Transparency of Solvents

(Selected wavelengths are intense emission lines of a low-pressure Hg discharge)

Solvent	% T at 254 nm	% T at 313 nm	% T at 366 nm	T = 10% at nm
Acetone	0	0	100	329
Acetonitrile	98	100	100	190
Benzene	0	94	100	280
Benzonitrile	0	85	100	299
Chloroform HCCl ₃	80	100	100	245
Cyclohexane	100	100	100	205
1,2-Dichlorethan	97	98	100	226
Dichlormethan	98	100	100	232
Diethylether	84	100	100	215
N,N-Dimethylformamide	0	93	100	270
Dimethylsulfoxide	0	96	100	262
1,4-Dioxane	64	100	100	215
Ethyl acetate acetic ester	<10	99	100	255
Ethanol	98	100	100	205
n-Hexane	100	100	100	195
Methanol	100	100	100	205
Pyridine	0	98	100	305
Carbon disulphide CS ₂	0	0	0	380
Tetrahydrofuran	57	99	100	233
Carbon tetrachloride	0	100	100	265
Toluene	0	90	100	285
Water H ₂ O	98	100	100	<190