



HICHROM

Chromatography Columns and Supplies

APPENDICES HPLC Solvent Properties

Catalogue 9

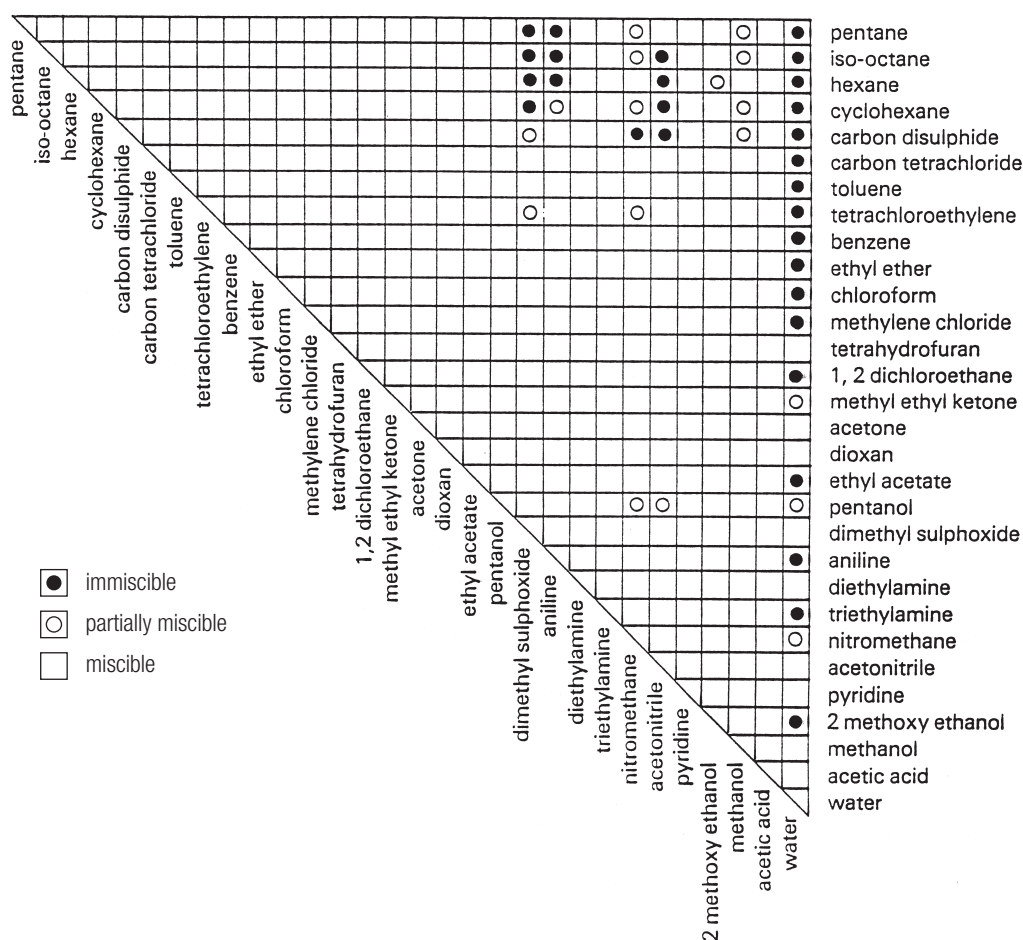
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Miscibility



Viscosity, Refractive Index and UV cut-off

Solvent	Viscosity (cPoise)	Refractive Index	UV cut-off (nm)
pentane	0.23	1.358	210
iso-octane	0.50	1.404	210
hexane	0.33	1.375	200
cyclohexane	1.0	1.427	210
carbon disulphide	0.37	1.626	380
carbon tetrachloride	0.97	1.466	265
toluene	0.59	1.496	285
tetrachloroethylene	0.90	1.505	240
benzene	0.65	1.501	280
diethylether	0.23	1.353	220
chloroform	0.57	1.443	235
dichloromethane	0.44	1.424	235
tetrahydrofuran	0.55	1.445	215
1, 2 dichloroethane	0.79	1.445	225
methyl ethyl ketone	0.40	1.381	330
acetone	0.32	1.359	330
dioxan	1.54	1.422	220
ethyl acetate	0.45	1.370	260
1 pentanol	4.1	1.410	210
dimethyl sulphoxide	2.24	1.478	280
aniline	4.4	1.586	350
diethylamine	0.38	1.387	275
triethylamine	0.38	1.401	280
nitromethane	0.67	1.394	380
acetonitrile	0.37	1.344	190
pyridine	0.94	1.510	305
2 methoxy ethanol	1.72	1.401	220
methanol	0.60	1.329	205
acetic acid	1.26	1.372	—
water	1.0	1.330	—