

**6.8 Table of solvents**

Solvent	Formula	Vacuum (mbar) for boiling point at 40 °C
Acetone	C <sub>3</sub> H <sub>6</sub> O	556
n-amyl alcohol, n-pentanol	C <sub>5</sub> H <sub>12</sub> O	11
Benzole	C <sub>6</sub> H <sub>6</sub>	236
n-butanol	C <sub>4</sub> H <sub>10</sub>	25
tert-butyl alcohol, 2-methyl-2-propanol	C <sub>4</sub> H <sub>10</sub> O	130
Tetrachlorometane	CCl <sub>4</sub>	271
Chlorobenzene	C <sub>6</sub> H <sub>5</sub> Cl	36
Chloroform	CHCl <sub>3</sub>	474
Cyclohexane	C <sub>6</sub> H <sub>12</sub>	235
Diethyl ether	C <sub>4</sub> H <sub>10</sub> O	no vacuum
1, 2, -dichlorethane	C <sub>2</sub> H <sub>4</sub> Cl <sub>2</sub>	210
1, 2, -dichlorethylene (cis)	C <sub>2</sub> H <sub>2</sub> Cl <sub>2</sub>	479
1, 2, -dichlorethylene (trans)	C <sub>2</sub> H <sub>2</sub> Cl <sub>2</sub>	751
Diisopropyl ether	C <sub>6</sub> H <sub>14</sub> O	375
Dioxan	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	107
DMF	C <sub>3</sub> H <sub>7</sub> NO	11
Ethanol	C <sub>2</sub> H <sub>6</sub> O	175
Ethyl acetate	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	240
Heptane	C <sub>7</sub> H <sub>16</sub>	120
Hexane	C <sub>6</sub> H <sub>14</sub>	335
Isopropyl alcohol	C <sub>3</sub> H <sub>8</sub> O	137
Isoamyl alcohol, 3-methyl-1-butanol	C <sub>5</sub> H <sub>12</sub> O	14
Ethyl methyl keton	C <sub>4</sub> H <sub>8</sub> O	243
Methanol	CH <sub>4</sub> O	337
Methylene dichloride, dichloromethane	CH <sub>2</sub> Cl <sub>2</sub>	no vacuum
Pentane	C <sub>5</sub> H <sub>12</sub>	no vacuum
n-propyl alcohol	C <sub>3</sub> H <sub>8</sub> O	67
Pentachlorpethane	C <sub>2</sub> HCl <sub>5</sub>	13
1, 1, 2, 2, -tetrachloroethane	C <sub>2</sub> H <sub>2</sub> Cl <sub>4</sub>	35
1, 1, 1, -trichloroethane	C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub>	300
Tetrachloroethylene	C <sub>2</sub> Cl <sub>4</sub>	53
THF	C <sub>4</sub> H <sub>8</sub> O	357
Toluol	C <sub>7</sub> H <sub>8</sub>	77
Trichloroethylene	C <sub>2</sub> HCl <sub>3</sub>	183
Water	H <sub>2</sub> O	72
Xylol	C <sub>8</sub> H <sub>10</sub>	25

Vacuum in Torr/mmHg = X mbar x 0.75