

Table of cryoscopic and ebullioscopic constantswww.vaxasoftware.com

Substance (freezing point)	Cryoscopic constant K_f $K \cdot \text{kg} \cdot \text{mol}^{-1}$	Substance (boiling point)	Ebullioscopic constant K_b $K \cdot \text{kg} \cdot \text{mol}^{-1}$
Acetic acid (16.6 °C)	3.90	Acetic acid (118.1 °C)	3.07
Aniline (-5.96 °C)	5.87	Acetone (56.2 °C)	2.67
Benzene (5.5 °C)	5.12	Aniline (184.3 °C)	3.69
Camphor (179.8 °C)	39.7	Benzene (80.1 °C)	2.53
Carbon disulfide (-112 °C)	3.83	Bromobenzene (156.0 °C)	6.26
Carbon tetrachloride (-22.8 °C)	29.8	Camphor (204.0 °C)	5.95
Chloroform (-63.5 °C)	4.68	Carbon disulfide (46.2 °C)	2.34
Cyclohexane (6.4 °C)	20.2	Carbon tetrachloride (76.8 °C)	4.95
Diethyl ether (-114.3 °C)	1.79	Chloroform (61.2 °C)	3.88
Ethanol (-114.6 °C)	1.99	Cyclohexane (80.74 °C)	2.79
Formic acid (8.0 °C)	2.77	Diethyl ether (34.5 °C)	2.16
Naphtalene (80.26 °C)	6.9	Ethanol (78.4 °C)	1.19
Nitrobenzene (5.85 °C)	7.00	Formic acid (101.0 °C)	2.4
Phenol (40.5 °C)	7.27	Naphtalene (218 °C)	5.8
Water (0 °C)	1.86	Nitrobenzene (210.9 °C)	5.24
		Phenol (181.75 °C)	3.04
		Water (100.0 °C)	0.512

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