

Acid / Base Concentrations

Chemical	Formula Weight (g/Mole)	Concentration (% W/W)	Density (g/mL)	Molarity	Normality
Acetic Acid	60.05	100	1.049	17.47	17.47
Ammonium Hydroxide	35.05	29.9	0.94	8.02	8.02
Hydriodic Acid	127.91	47	1.5	5.51	5.51
Hydriodic Acid	127.91	56.3	1.68	7.39	7.39
Hydrobromic Acid	80.91	48.1	1.48	8.80	8.80
Hydrochloric Acid	36.46	37.5	1.188	12.22	12.22
Hydrofluoric Acid	20.01	49	1.16	28.41	28.41
Hydrofluoric Acid	20.01	48	1.16	27.83	27.83
Methane Sulphonic Acid	96.1	99.9	1.48	15.39	15.39
Nitric Acid	63.01	69.6	1.412	15.60	15.60
Perchloric Acid	100.46	60.8	1.55	9.38	9.38
Perchloric Acid	100.46	69.7	1.67	11.59	11.59
Phosphoric Acid	98	85.9	1.696	14.87	44.60
Sodium Hydroxide	40	49.9	1.5	18.71	18.71
Sulphuric Acid	98.09	96.1	1.8389	18.02	36.03

All listed values are approximate

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