

<b>Base</b>	<b>Formula</b>	<b>K<sub>b</sub></b>
Ammonia	NH <sub>3</sub>	1.75×10 <sup>-5</sup>
Methylamine	CH <sub>3</sub> NH <sub>2</sub>	5.70×10 <sup>-10</sup>
Ethylamine	C <sub>2</sub> H <sub>5</sub> NH <sub>2</sub>	5.8×10 <sup>-3</sup>
Diethylamine	(C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> NH	5.1×10 <sup>-10</sup>
Aniline	C <sub>6</sub> H <sub>5</sub> NH <sub>2</sub>	6.28×10 <sup>-5</sup>
Pyridine	C <sub>5</sub> H <sub>5</sub> N	5.81×10 <sup>-10</sup>

**Table of Weak Acids**

<b>Acid</b>	<b>Formula</b>	<b>K<sub>a</sub>1</b>	<b>K<sub>a</sub>2</b>	<b>K<sub>a</sub>3</b>
Acetic	CH <sub>3</sub> COOH	1.75×10 <sup>-5</sup>		
Ammonium Ion	NH <sub>4</sub> <sup>+</sup>	5.70×10 <sup>-10</sup>		
Arsenic	H <sub>3</sub> AsO <sub>4</sub>	5.8×10 <sup>-3</sup>	1.1×10 <sup>-7</sup>	3.2×10 <sup>-12</sup>
Arsenous	H <sub>3</sub> AsO <sub>3</sub>	5.1×10 <sup>-10</sup>		
Benzoic	C <sub>6</sub> H <sub>5</sub> COOH	6.28×10 <sup>-5</sup>		
Boric	H <sub>3</sub> BO <sub>3</sub>	5.81×10 <sup>-10</sup>		
1-Butanoic	CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> COOH	1.52×10 <sup>-5</sup>		
Carbonic	H <sub>2</sub> CO <sub>3</sub>	4.45×10 <sup>-7</sup>	4.69×10 <sup>-11</sup>	
Chloroacetic	CICH <sub>2</sub> COOH	1.36×10 <sup>-3</sup>		
Citric	HOOC(OH)C(CH <sub>2</sub> COOH) <sub>2</sub>	7.45×10 <sup>-4</sup>	1.73×10 <sup>-5</sup>	4.02×10 <sup>-7</sup>
Formic	HCOOH	1.80×10 <sup>-4</sup>		
Fumaric	trans-HOOCH:CHCOOH	8.85×10 <sup>-4</sup>	3.21×10 <sup>-5</sup>	
Hydrazinium Ion	H <sub>2</sub> NNH <sub>3</sub> <sup>+</sup>	1.05×10 <sup>-8</sup>		
Hydrazoic	HN <sub>3</sub>	2.2×10 <sup>-5</sup>		
Hydrogen Cyanide	HCN	6.2×10 <sup>-10</sup>		
Hydrofluoric	HF	6.8×10 <sup>-4</sup>		
Hypochlorous	HOCl	3.0×10 <sup>-8</sup>		
Iodic	HIO <sub>3</sub>	1.7×10 <sup>-1</sup>		
Lactic	CH <sub>3</sub> CHOHCOOH	1.38×10 <sup>-4</sup>		
Maleic	cis-HOOCH:CHCOOH	1.3×10 <sup>-2</sup>	5.9×10 <sup>-7</sup>	
Malic	HOOCCHOHCH <sub>2</sub> COOH	3.48×10 <sup>-4</sup>	8.00×10 <sup>-6</sup>	
Malonic	HOOCH <sub>2</sub> COOH	1.42×10 <sup>-3</sup>	2.01×10 <sup>-6</sup>	
Mandelic	C <sub>6</sub> H <sub>5</sub> CHOHCOOH	4.0×10 <sup>-4</sup>		
Methyl Ammonium Ion	CH <sub>3</sub> NH <sub>3</sub> <sup>+</sup>	2.3×10 <sup>-11</sup>		
Nitrous	HNO <sub>2</sub>	7.1×10 <sup>-4</sup>		
Oxalic	HOOCCOOH	5.60×10 <sup>-2</sup>	5.42×10 <sup>-5</sup>	
Periodic	H <sub>5</sub> IO <sub>6</sub>	2×10 <sup>-2</sup>	5×10 <sup>-9</sup>	
Phosphoric	H <sub>3</sub> PO <sub>4</sub>	7.11×10 <sup>-3</sup>	6.32×10 <sup>-8</sup>	4.5×10 <sup>-13</sup>
Phosphorous	H <sub>3</sub> PO <sub>3</sub>	3×10 <sup>-2</sup>	1.62×10 <sup>-7</sup>	
o-Phthalic	C <sub>6</sub> H <sub>4</sub> (COOH) <sub>2</sub>	1.12×10 <sup>-3</sup>	3.91×10 <sup>-6</sup>	
Picric	(NO <sub>2</sub> ) <sub>3</sub> C <sub>6</sub> H <sub>2</sub> OH	4.3×10 <sup>-1</sup>		
Propanoic	CH <sub>3</sub> CH <sub>2</sub> COOH	1.34×10 <sup>-5</sup>		
Salicylic	C <sub>6</sub> H <sub>4</sub> (OH)COOH	1.06×10 <sup>-3</sup>		
Sulfamic	H <sub>2</sub> NSO <sub>3</sub> H	1.03×10 <sup>-1</sup>		
Succinic	HOOCCCH <sub>2</sub> CH <sub>2</sub> COOH	6.21×10 <sup>-5</sup>	2.31×10 <sup>-6</sup>	
Sulfurous	H <sub>2</sub> SO <sub>3</sub>	1.23×10 <sup>-2</sup>	6.6×10 <sup>-8</sup>	
Tartaric	HOOC(CHOH) <sub>2</sub> COOH	9.20×10 <sup>-4</sup>	4.31×10 <sup>-5</sup>	
Thiocyanic	HSCN	0.13		
Thiosulfuric	H <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	0.3	2.5×10 <sup>-2</sup>	
Trimethyl Ammonium Ion	(CH <sub>3</sub> ) <sub>3</sub> NH <sup>+</sup>	1.58×10 <sup>-10</sup>		