

## Dissociation Constants for Bases at 25°C

Name	Formula	K <sub>b</sub>
Ammonia	NH <sub>3</sub>	1.80 × 10 <sup>-5</sup>
<b>Aniline</b>	<b>C<sub>6</sub>H<sub>5</sub>NH<sub>2</sub></b>	<b>4.30 × 10<sup>-10</sup></b>
<i>n</i> -Butylamine	C <sub>4</sub> H <sub>9</sub> NH <sub>2</sub>	4.0 × 10 <sup>-4</sup>
<b><i>sec</i>-Butylamine</b>	<b>(CH<sub>3</sub>)<sub>2</sub>CHCH<sub>2</sub>NH<sub>2</sub></b>	<b>3.6 × 10<sup>-4</sup></b>
<i>tert</i> -Butylamine	(CH <sub>3</sub> ) <sub>3</sub> CNH <sub>2</sub>	4.8 × 10 <sup>-4</sup>
<b>Codeine</b>	<b>C<sub>18</sub>H<sub>21</sub>O<sub>3</sub>N</b>	<b>8.91 × 10<sup>-7</sup></b>
Diethylamine	(CH <sub>3</sub> CH <sub>2</sub> ) <sub>2</sub> NH	3.09 × 10 <sup>-5</sup>
<b>Dimethylamine</b>	<b>(CH<sub>3</sub>)<sub>2</sub>NH</b>	<b>5.40 × 10<sup>-4</sup></b>
Ethylamine	C <sub>2</sub> H <sub>5</sub> NH <sub>2</sub>	6.40 × 10 <sup>-4</sup>
<b>Hydrazine</b>	<b>H<sub>2</sub>NNH<sub>2</sub></b>	<b>1.30 × 10<sup>-6</sup></b>
Hydroxylamine	HONH <sub>2</sub>	1.10 × 10 <sup>-8</sup>
<b>Methylamine</b>	<b>CH<sub>3</sub>NH<sub>2</sub></b>	<b>4.40 × 10<sup>-4</sup></b>
Morphine	C <sub>17</sub> H <sub>19</sub> O <sub>3</sub> N	7.41 × 10 <sup>-7</sup>
<b>Piperidine</b>	<b>C<sub>5</sub>H<sub>11</sub>N</b>	<b>1.32 × 10<sup>-3</sup></b>
Propylamine	C <sub>3</sub> H <sub>7</sub> NH <sub>2</sub>	3.5 × 10 <sup>-4</sup>
<b>Pyridine</b>	<b>C<sub>5</sub>H<sub>5</sub>N</b>	<b>1.70 × 10<sup>-9</sup></b>
Quinoline	C <sub>9</sub> H <sub>7</sub> N	6.31 × 10 <sup>-10</sup>
<b>Triethanolamine</b>	<b>C<sub>6</sub>H<sub>15</sub>O<sub>3</sub>N</b>	<b>5.75 × 10<sup>-7</sup></b>
Triethylamine	(CH <sub>3</sub> CH <sub>2</sub> ) <sub>3</sub> N	5.25 × 10 <sup>-4</sup>
<b>Trimethylamine</b>	<b>(CH<sub>3</sub>)<sub>3</sub>N</b>	<b>6.40 × 10<sup>-5</sup></b>