A primary (1°) ammonium salt is the salt formed in the acid-base reaction of a primary amine with an acid.

eg:

\[ \text{H} \quad \text{CH}_3\text{N}^+ \quad + \quad \text{HCl} \quad \rightarrow \quad \text{H} \quad \text{CH}_3\text{N}^+\text{HCl}^- \]

\[ \text{1° amine} \quad \rightarrow \quad \text{1° amine salt} \]

see also primary ammonium ion, secondary ammonium salt, tertiary ammonium salt, quaternary ammonium salt

Contributors

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