

**Product Name:** Tetramethylammonium hydroxide pentahydrate, 98%, Thermo Scientific Chemicals

**Catalog Number:** L09658.14

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**CAS Number:** 10424-65-4  
**IUPAC Name:** tetramethylazanium pentahydrate hydroxide  
**Molecular Formula:** C<sub>4</sub>H<sub>23</sub>NO<sub>6</sub>  
**Molecular Weight:** 181.23  
**MDL Number:** MFCD00149566  
**InChI Key:** MYXKPFMQWULLOH-UHFFFAOYSA-M  
**SMILES:** O.O.O.O.O.[OH-].C[N+](C)(C)C  
**Synonym:** tetramethylammonium hydroxide pentahydrate

### Product Specification

**Appearance (Color):** White or pale cream  
**Form:** Crystals or powder or crystalline powder  
**Melting Point (clear melt):** 62-73°C  
**Identification (FTIR):** Conforms  
**Assay (Aqueous acid-base Titration):** ≥97.5 to ≤102.5%

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**Date Of Print:** 10/23/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*