

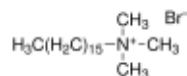
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## Product Specification

Product Name:  
Hexadecyltrimethylammonium bromide - ≥98%

**Product Number:** H5882  
**CAS Number:** 57-09-0  
**MDL:** MFCD00011772  
**Formula:** C<sub>19</sub>H<sub>42</sub>BrN  
**Formula Weight:** 364.45 g/mol



TEST	Specification
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Appearance (Color)	White
Appearance (Form)	Powder or Crystals or Crystalline Chunk(s) or Granule or Flakes or Solid
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
100 mg/mL, H <sub>2</sub> O	
Proton NMR spectrum	Conforms to Structure
Titration with HClO <sub>4</sub>	≥ 98 %
Purity (TLC)	≥ 98 %
Recommended Retest Period	-----
4 years	

Specification: PRD.2.ZQ5.10000011066

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.