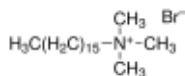


Certificate of Analysis

Product Name:

Hexadecyltrimethylammonium bromide - ≥98%

Product Number: H5882
Batch Number: SLCH6578
Brand: SIGMA
CAS Number: 57-09-0
MDL Number: MFCD00011772
Formula: C₁₉H₄₂N.Br
Formula Weight: 364.45 g/mol
Quality Release Date: 23 OCT 2020
Recommended Retest Date: OCT 2024



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals or Crystalline Chunk(s) or Granule or Flakes or Solid	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity) 100 mg/mL, H ₂ O	Clear to Slightly Hazy	Slightly Hazy
Proton NMR Spectrum	Conforms to Structure	Conforms
Titration with HClO ₄	≥ 98 %	99 %
Purity (TLC)	≥ 98 %	99 %



Brian Dulle, Supervisor
Quality Assurance
St. Louis, Missouri US

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. 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.

