

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

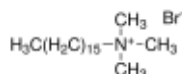
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

## Product Specification

Product Name:  
Hexadecyltrimethylammonium bromide - BioXtra, ≥99%

Product Number: **H9151**  
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
Proton NMR spectrum	Conforms to Structure
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
0.1 M, H <sub>2</sub> O	
Residue on ignition (Ash)	≤ 0.1 %
Sulfate (SO <sub>4</sub> )	≤ 0.05 %
Insoluble matter	≤ 0.1 %
Aluminum (Al)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Phosphorus (P)	≤ 0.001 %
Copper (Cu)	≤ 0.0005 %
Iron (Fe)	≤ 0.0005 %
Zinc (Zn)	≤ 0.0005 %
Calcium (Ca)	≤ 0.0005 %
Magnesium (Mg)	≤ 0.0005 %
Sodium (Na)	≤ 0.005 %
Potassium (K)	≤ 0.005 %
Titration with HClO <sub>4</sub>	≥ 99 %
Recommended Retest Period	-----
4 years	

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.

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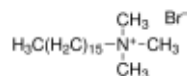
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