

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Hexadecyl trimethyl ammonium bromide**  
Specifications & Purity: **99%**  
SKU #: **H108983**

Parameter	Limit Values
Purity(Titration by AgNO <sub>3</sub> )	99-101 (%)
Insoluble matter	0-0.1 (%)
Lead ( Pb)	0-0.005 (%)
Iron(Fe)	0-0.005 (%)
Ignition Residue (as sulfate)	0-0.1 (%)
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.05 (%)
Water by Karl Fischer	0-0.5 (%)
Melting point	248-251 (°C)
Appearance (H108983)	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow, Clear,0.1 M	pass