

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-02 14:48:24  
Date of Next Testing: 2026-07-23 14:48:24  
Product Name: **Trimethylphenylammonium bromide**  
CAS Number: 16056-11-4  
Specifications & Purity: 98%  
Lot #: G2426040  
SKU #: **T101041**  
Version: **0**  
Analysis #: **397090**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.02300 %
Purity(Titration by HClO <sub>4</sub> )	97.5-102.5 (%)	99.38 %
Carbon by Elemental Analysis	48.7-51.3 (%)	49.58 %
Nitrogen by Elemental Analysis	6.2-6.7 (%)	6.47 %
Appearance (T101041)	White to Yellow to Blue Powder and/or Chunks	White to Yellow to Blue Powder and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency



John Su  
QA & QC Manager