

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-24 13:51:16

Date of Next Testing: 2027-11-14 13:51:16

Product Name: **Trimethylphenylammonium bromide**

CAS Number: 16056-11-4

Specifications & Purity: $\geq 98\%$

Lot #: K2519229

SKU #: **T101041**

Version: **0**

Analysis #: **613042**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.02000 %
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.38000 %
Carbon by Elemental Analysis	48.7-51.3 (%)	49.58000 %
Nitrogen by Elemental Analysis	6.2-6.7 (%)	6.48000 %
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 ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager