

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-04 10:55:50
 Date of Next Testing: 2023-12-25 10:55:50
 Product Name: **Tetrabutylammonium bromide(TBAB)**
 CAS Number: 1643-19-2
 Specifications & Purity: AR, ≥99%
 Lot #: L2128228
 SKU #: **T103372**
 Version: **0**
 Analysis #: **056601**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Trimethylamine	0-0.5 (%)	0.43000 %
Tributylamine Hydrobromide	0-1 (%)	0.86000 %
Purity(Titration by AgNO ₃)	99-100 (%)	99.02000 %
Loss on drying	0-1 (%)	0.31051 %
Melting point	102-106 (°C)	104.70000 °C
PH (5%, water) 25 °C	3.5-7	6.11000
Appearance (T103372)	white crystal or crystal powder	white crystal or crystal powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager