

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-12 09:52:33
 Date of Next Testing: 2027-12-11 09:52:33
 Product Name: **Tetrabutylammonium bromide(TBAB)**
 CAS Number: 1643-19-2
 Specifications & Purity: $\geq 99\%$
 Lot #: L2305077
 SKU #: **T501397**
 Version: **2**
 Analysis #: **246823**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
PH (5%, water) 25 ° C	3.5-7	5.58000
Loss on drying	0-0.5 (%)	0.00000 %
Trimethylamine	0-0.5 (%)	0.10000 %
Tributylamine Hydrobromide	0-1 (%)	0.20000 %
Purity(Titration by AgNO ₃)	99-100 (%)	99.98000 %
Appearance(T501397)	white crystal or crystal powder	white crystal or crystal powder
Solubility(almost transparency in Water)	Pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Infrared spectrum	conforms to structure	Conforms to Structure



John Su
QA & QC Manager