

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-13 13:13:38

Date of Next Testing: 2027-01-12 13:13:38

Product Name: **Tetrabutylammonium bromide(TBAB)**

CAS Number: 1643-19-2

Specifications & Purity: $\geq 99\%$

Lot #: A2312403

SKU #: **T501397**

Version: **2**

Analysis #: **172444**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Trimethylamine	0-0.5 (%)	0.35000 %
PH (5%, water) 25 ° C	3.5-7	5.71000
Tributylamine Hydrobromide	0-1 (%)	1.00000 %
Purity(Titration by AgNO ₃)	99-100 (%)	99.85000 %
Loss on drying	0-0.5 (%)	0.00000 %
Appearance(T501397)	white crystal or crystal powder	white crystal or crystal powder
Solubility(almost transparency in Water)	Pass	Pass
Infrared spectrum	conforms to structure	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager