

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-10 15:18:08
 Date of Next Testing: 2024-10-30 15:18:08
 Product Name: **Tetrabutylammonium iodide(TBAI)**
 CAS Number: 311-28-4
 Specifications & Purity: $\geq 99\%$
 Lot #: A2125133
 SKU #: **T103714**
 Version: **0**
 Analysis #: **153378**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	144-149 (°C)	144.00800 °C
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	101.26300 %
Appearance (T103714)	White to Tan Solid, Powder, Crystals and/or Chunks	White to Tan Solid, Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O	almost transparency	almost transparency



John Su
QA & QC Manager