

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-11 10:07:27  
Date of Next Testing: 2026-12-01 10:07:27  
Product Name: **Tetrabutylammonium iodide(TBAI)**  
CAS Number: 311-28-4  
Specifications & Purity:  $\geq 99\%$   
Lot #: F2103354  
SKU #: **T103714**  
Version: **0**  
Analysis #: **447039**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	144-149 (°C)	144.90000 °C
Purity(Titration by AgNO3)	98.5-101.5 (%)	101.40000 %
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 H2O	almost transparency	almost transparency



John Su  
QA & QC Manager