

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-21 17:30:45
Date of Next Testing: 2027-08-11 17:30:45
Product Name: **Tetrabutylammonium iodide(TBAI)**
CAS Number: 311-28-4
Specifications & Purity: $\geq 99\%$
Lot #: H2514024
SKU #: **T103714**
Version: **0**
Analysis #: **162540**
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	144-149 (°C)	145.51000 °C
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	101.08000 %
Appearance (T103714)	White to Tan Solid, Powder, Crystals and/or Chunks	White to Tan Solid, Powder, Crystals and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager