

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-10 15:14:08

Date of Next Testing: 2024-10-30 15:14:08

Product Name: **Tetrabutylammonium iodide(TBAI)**

CAS Number: 311-28-4

Specifications & Purity:  $\geq 99\%$

Lot #: A2125130

SKU #: **T103714**

Version: **0**

Analysis #: **153377**

Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                               | Limit Values                                       | Result                                             |
|-----------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Melting point                           | 144-149 (°C)                                       | 144.08600 °C                                       |
| Purity(Titration by AgNO <sub>3</sub> ) | 98.5-101.5 (%)                                     | 101.48600 %                                        |
| 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 <sub>2</sub> O      | almost transparency                                | almost transparency                                |



John Su  
QA & QC Manager