

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-11 17:37:14  
Date of Next Testing: 2024-10-31 17:37:14  
Product Name: **Tetrabutylphosphonium bromide**  
CAS Number: 3115-68-2  
Specifications & Purity: 98%  
Lot #: K2210248  
SKU #: **T107471**  
**Analysis: 153881**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5 (%)	98.95 %
Melting point	103-106 (°C)	105.14000 °C
Appearance (T107471)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency



John Su  
QA & QC Manager