

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-18 10:28:05  
Date of Next Testing: 2029-11-17 10:28:05  
Product Name: **Tetrabutylphosphonium Hexafluorophosphate**  
CAS Number: 111928-21-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: B2210159  
SKU #: **T162756**  
Version: **2**  
Analysis #: **602391**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	213-228 (°C)	219.05000 °C
Purity(NMR)	98-100 (%)	98.10%
Appearance (T162756)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Fluorine NMR Spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager