

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-24 13:15:03
 Date of Next Testing: 2028-07-23 13:15:03
 Product Name: **Tetrabutylphosphonium Hexafluorophosphate**
 CAS Number: 111928-21-3
 Specifications & Purity: $\geq 98\%$
 Lot #: G2418572
 SKU #: **T162756**
 Version: **2**
 Analysis #: **350922**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	213-228 (°C)	216.28000 °C
Purity(NMR)	98-100 (%)	98.10000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Fluorine NMR Spectrum	Conforms to structure	Conforms to Structure
Appearance (T162756)	White to Off-White Powder	White to Off-White Powder



John Su
QA & QC Manager