

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-24 15:15:37

Date of Next Testing: 2028-01-23 15:15:37

Product Name: **Tri-tert-butylphosphonium tetrafluoroborate**

CAS Number: 131274-22-1

Specifications & Purity: 97%

Lot #: A2412642

SKU #: **T115588**

**Analysis:** **299900**

Storage Temperature: Argon charged, Desiccated

| Parameter            | Limit Values                         | Result                               |
|----------------------|--------------------------------------|--------------------------------------|
| Purity(HPLC area)    | 97-100 (%)                           | 98.59 %                              |
| Appearance (T115588) | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Proton NMR spectrum  | Conforms to Structure                | Conforms to Structure                |
| Infrared spectrum    | Conforms to Structure                | Conforms to Structure                |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager