

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-06 11:52:01  
 Date of Next Testing: 2026-08-05 11:52:01  
 Product Name: **Tetrabutylammonium Tetrafluoroborate**  
 CAS Number: 429-42-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: G2230139  
 SKU #: **T162051**  
 Version: **0**  
 Analysis #: **093368**  
 Storage Temperature: Argon charged

| Parameter                                           | Limit Values                                  | Result                                        |
|-----------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(HPLC)                                        | 98-100 (%)                                    | 99.97000 %                                    |
| Melting point                                       | 160-163 (°C)                                  | 160.23000 °C                                  |
| Appearance (T162051)                                | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum                                 | Conforms to Structure                         | Conforms to Structure                         |
| Solubility in MeOH , Clear Colorless(100pass mg/ml) |                                               | Pass                                          |



John Su  
QA & QC Manager