

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-11 15:39:02  
 Date of Next Testing: 2028-03-10 15:39:02  
 Product Name: **4-Nitrobenzenediazonium Tetrafluoroborate**  
 CAS Number: 456-27-9  
 Specifications & Purity:  $\geq 98\%$ (HPLC)  
 Lot #: C2405577  
 SKU #: **N159632**  
 Version: **0**  
 Analysis #: **323519**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                      | Limit Values                                          | Result                                                |
|--------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Purity(HPLC)                                                                   | 98-100 (%)                                            | 98.75000 %                                            |
| Appearance (N159632)                                                           | Yellow to Beige to Brown Powder<br>,Crystal or Chunks | Yellow to Beige to Brown Powder<br>,Crystal or Chunks |
| Proton NMR spectrum                                                            | Conforms to Structure                                 | Conforms to Structure                                 |
| Solubility in Acetonitrile , Yellow to Orange or<br>Yellow-Green,Clear,50mg/ml | Yellow to Orange or Yellow-<br>Green,Clear,50mg/ml    | Yellow to Orange or Yellow-<br>Green,Clear,50mg/ml    |



John Su  
QA & QC Manager