

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-14 16:21:25  
 Date of Next Testing: 2027-07-13 16:21:25  
 Product Name: **4-Bromo-2-nitrobenzoic Acid**  
 CAS Number: 99277-71-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: G2307149  
 SKU #: **B152307**  
 Version: **1**  
 Analysis #: **219881**  
 Storage Temperature: Room temperature

| Parameter                        | Limit Values                             | Result                                   |
|----------------------------------|------------------------------------------|------------------------------------------|
| Melting point                    | 161-172 (°C)                             | 169.77000 °C                             |
| Purity(HPLC)                     | 98-100 (%)                               | 99.66500 %                               |
| Purity(Neutralization titration) | 97.5-102.5 (%)                           | 99.80000 %                               |
| Proton NMR spectrum              | Conforms to Structure                    | Conforms to Structure                    |
| Appearance(B152307)              | White to Gray to Brown powder to crystal | White to Gray to Brown powder to crystal |



John Su  
QA & QC Manager