

## Certificate of Analysis

Date of Testing: 2023-07-14 16:24:18

Date of Next Testing: 2027-07-13 16:24:18

Product Name: **4-Bromo-2-nitrobenzoic Acid**

CAS Number: 99277-71-1

Specifications & Purity: 98%

Lot #: G2307151

SKU #: **B152307**

Analysis: **219881**

| 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 (%)                           | 99.80 %                                  |
| 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 |



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QA & QC Manager