

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-05 15:25:42  
 Date of Next Testing: 2026-09-04 15:25:42  
 Product Name: **4-Bromo-2-nitrobenzaldehyde**  
 CAS Number: 5551-12-2  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: I2201074  
 SKU #: **B124177**  
 Version: **0**  
 Analysis #: **105529**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                        | Limit Values                                  | Result                                        |
|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(GC)                                       | 97-100 (%)                                    | 98.14100 %                                    |
| Purity(O2 AgNO3 titration with after combustion) | 96.5-103.5 (%)                                | 98.50000 %                                    |
| Appearance (B124177)                             | White to Yellow to Brown Powder and/or Chunks | White to Yellow to Brown Powder and/or Chunks |
| Infrared spectrum                                | Conforms to Structure                         | Conforms to Structure                         |
| Proton NMR spectrum                              | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager