

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-01 13:55:07  
 Date of Next Testing: 2024-07-31 13:55:07  
 Product Name: **2-Amino-4-bromothiazole**  
 CAS Number: 502145-18-8  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: G2226144  
 SKU #: **A303818**  
 Version: **2**  
 Analysis #: **096086**  
 Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                    | Limit Values                 | Result                       |
|------------------------------|------------------------------|------------------------------|
| Carbon by Elemental Analysis | 18.72-20.53 (%)              | 20.13000 %                   |
| Elemental analysis(Nitrogen) | 14.56-15.96 (%)              | 15.42000 %                   |
| Purity(HPLC)                 | 95-100 (%)                   | 99.76700 %                   |
| Proton NMR spectrum          | Conforms to Structure        | Conforms to Structure        |
| Appearance(A303818)          | White to light yellow powder | white to light yellow powder |



John Su  
QA & QC Manager