

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-14 10:09:45  
 Date of Next Testing: 2027-12-13 10:09:45  
 Product Name: **3-Bromothiophene-2-carboxaldehyde**  
 CAS Number: 930-96-1  
 Specifications & Purity:  $\geq 96\%$   
 Lot #: D1621017  
 SKU #: **B123868**  
 Version: **0**  
 Analysis #: **302634**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                               | Limit Values               | Result                     |
|-----------------------------------------|----------------------------|----------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 95.5-104.5 (%)             | 100.30000 %                |
| Purity(GC)                              | 96-100 (%)                 | 99.09700 %                 |
| Density (20°C)                          | 1.774-1.784                | 1.78100                    |
| Refractive index n <sub>20</sub> /D     | 1.636-1.64                 | 1.63690                    |
| Appearance (B123868)                    | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                       | Conforms to Structure      | Conforms to Structure      |



John Su  
 QA & QC Manager