

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-25 14:10:37

Date of Next Testing: 2027-12-15 14:10:37

Product Name: **Ethyl 4-bromobutyrate**

CAS Number: 2969-81-5

Specifications & Purity:  $\geq 95\%$

Lot #: F2225314

SKU #: **E106908**

Version: **0**

Analysis #: **626878**

Storage Temperature: Room temperature

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Refractive index n <sub>20</sub> /D | 1.455-1.458                | 1.45640                    |
| Density (20°C)                      | 1.356-1.361                | 1.35830                    |
| Purity(GC)                          | 95-100 (%)                 | 99.28900 %                 |
| Appearance (E106908)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                   | Conforms to Structure      | Conforms to Structure      |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager