

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-19 13:46:22

Date of Next Testing: 2024-03-08 13:46:22

Product Name: **2-Bromobutyric acid**

CAS Number: 80-58-0

Specifications & Purity:  $\geq 98\%$

Lot #: C2215040

SKU #: **B108037**

Version: **1**

Analysis #: **073115**

Storage Temperature: Room temperature, Argon charged

| Parameter                          | Limit Values               | Result                     |
|------------------------------------|----------------------------|----------------------------|
| Density (20°C)                     | 1.565-1.575                | 1.56800                    |
| Refractive index n <sub>20/D</sub> | 1.471-1.475                | 1.47490                    |
| Purity(GC)                         | 98-100 (%)                 | 98.66700 %                 |
| Purity(Neutralization titration)   | 97.5-102.5 (%)             | 99.65000 %                 |
| Water by Karl Fischer              | 0-0.2 (%)                  | 0.19300 %                  |
| Proton NMR spectrum                | Conforms to structure      | Conforms to Structure      |
| Appearance (B108037)               | Colorless to yellow liquid | Colorless to Yellow Liquid |



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QA & QC Manager