

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-20 14:01:59

Date of Next Testing: 2027-02-19 14:01:59

Product Name: ( $\pm$ )-2-Amino-1-butanol

CAS Number: 96-20-8

Specifications & Purity:  $\geq 97\%$

Lot #: B2314057

SKU #: A106025

Version: 0

Analysis #: 021206

Storage Temperature: Room temperature

| Parameter                               | Limit Values               | Result                     |
|-----------------------------------------|----------------------------|----------------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 96.5-103.5 (%)             | 101.50000 %                |
| Purity(GC)                              | 97-100 (%)                 | 97.16200 %                 |
| Refractive index n <sub>20</sub> /D     | 1.451-1.454                | 1.45290                    |
| Density (20°C)                          | 0.945-0.95                 | 0.94800                    |
| Appearance (A106025)                    | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                       | Conforms to Structure      | Conforms to Structure      |
| Proton NMR spectrum                     | Conforms to Structure      | Conforms to Structure      |



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QA & QC Manager