

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-15 11:29:37

Date of Next Testing: 2029-07-14 11:29:37

Product Name: **D-Alaninol**

CAS Number: 35320-23-1

Specifications & Purity:  $\geq 98\%$

Lot #: I2117213

SKU # **A117128**

Version **0**

**Analysis #:** **539957**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                | Limit Values               | Result                     |
|----------------------------------------------------------|----------------------------|----------------------------|
| Purity(GC)                                               | 98-100 (%)                 | 98.46000 %                 |
| Density (20°C)                                           | 0.963-0.967                | 0.96480                    |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})$ | -24--20 (°)                | -21.36700 °                |
| Optical purity                                           | 98-100 (%)                 | 98.84800 %                 |
| Refractive index $n_{20/D}$                              | 1.448-1.452                | 1.45000                    |
| Appearance (A117128)                                     | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                                        | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager