

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-11 15:20:08

Date of Next Testing: 2027-03-10 15:20:08

Product Name: **D-Alaninol**

CAS Number: 35320-23-1

Specifications & Purity: $\geq 98\%$

Lot #: B2328304

SKU #: **A117128**

Version: **0**

Analysis #: **194042**

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

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.80000 %
Density (20°C)	0.963-0.967	0.96500
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})$	-24--20 (°)	-21.88000 °
Optical purity	98-100 (%)	98.10000 %
Refractive index $n_{20/D}$	1.448-1.452	1.45010
Appearance (A117128)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager