

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-06 14:59:27
 Date of Next Testing: 2027-03-05 14:59:27
 Product Name: **D-Alaninol**
 CAS Number: 35320-23-1
 Specifications & Purity: $\geq 98\%$
 Lot #: B2328305
 SKU #: **A117128**
 Version: **0**
 Analysis #: **196237**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.46100 %
Density (20°C)	0.963-0.967	0.96500
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})$	-24--20 (°)	-21.36900 °
Optical purity	98-100 (%)	98.85000 %
Refractive index $n_{20/D}$	1.448-1.452	1.45020
Appearance (A117128)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager