

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-21 10:43:45

Date of Next Testing: 2026-09-20 10:43:45

Product Name: **D-Valine**

CAS Number: 640-68-6

Specifications & Purity: 98%

Lot #: L1812106

SKU #: **V101067**

Analysis: 137853

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	11.7-12.2 (%)	11.90%
Carbon by Elemental Analysis	50.2-52.3 (%)	51.50%
Purity(HPLC)	98-100 (%)	98.20100%
Specific Rotation [α] ₂₀ /D(c=8 in 6M HCl)	-29--26 (°)	-27.10°
Appearance (V101067)	White Crystals and/or Chunks or Flakes	White Crystals and/or Chunks or Flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear to slightly hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager