

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-18 11:45:02
 Date of Next Testing: 2026-10-17 11:45:02
 Product Name: **L-Valine Benzyl Ester Hydrochloride**
 CAS Number: 2462-34-2
 Specifications & Purity: $\geq 98\%$
 Lot #: J2214323
 SKU #: **S161114**
 Version: **0**
 Analysis #: **119490**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.75300 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	-11--8.5 (°)	-8.94200 °
Appearance (s161114)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless	pass	Pass
Clear(50mg/ml)		



John Su
QA & QC Manager