

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-29 09:05:23
 Date of Next Testing: 2029-03-28 09:05:23
 Product Name: **L-Valine methyl ester hydrochloride**
 CAS Number: 6306-52-1
 Specifications & Purity: $\geq 99\%$
 Lot #: C2518612
 SKU #: **V105985**
 Version: **0**
 Analysis #: **476990**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	13.5-16.5 (°)	14.88000°
Purity (Argentmetric Titration)	98.5-101.5 (%)	101.50000 %
Appearance (V105985)	white powder or solid	white powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager