

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-21 17:21:49
 Date of Next Testing: 2030-04-20 17:21:49
 Product Name: **D-Valine methyl ester hydrochloride**
 CAS Number: 7146-15-8
 Specifications & Purity: $\geq 99\%$
 Lot #: D2620433
 SKU #: **V117182**
 Version: **2**
 Analysis #: **387110**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2-17--13}^{\circ}$ in H ₂ O)		-15.51500 °
Purity (Argentmetric Titration)	98.5-101.5 (%)	101.44000 %
Specific Rotation $[\alpha]_{20/D(c=2-24--22}^{\circ}$ MeOH)		-23.26000 °
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (V117182)	White Crystals or powder or crystalline powder or lumps	White Crystals or powder or crystalline powder or lumps



John Su
QA & QC Manager