

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-31 18:28:47  
Date of Next Testing: 2028-03-30 18:28:47  
Product Name: **L-Valine**  
CAS Number: 72-18-4  
Specifications & Purity: Moligand™, for synthesis  
Lot #: C2524494  
SKU #: **S433392**  
Version: **1**  
Analysis #: **484700**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Titration by HClO <sub>4</sub> )	98.5-101.5 (%)	99.80000 %
Specific Rotation [α] <sub>25</sub> /D(c=8 in 6M HCL)	26.6-29 (°)	26.61800 °
Appearance(S433392)	White to off-white powder to crystal	White to Off-White Powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager