

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-18 10:00:58

Date of Next Testing: 2027-05-17 10:00:58

Product Name: **DL-Valine**

CAS Number: 516-06-3

Specifications & Purity: 98%

Lot #: E2308625

SKU #: **V104896****Analysis: 204662**

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	98-102 (%)	98.01 %
Appearance (V104896)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager