

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-08 19:16:15

Date of Next Testing: 2026-08-07 19:16:15

Product Name: **DL-Valine**

CAS Number: 516-06-3

Specifications & Purity: 98%

Lot #: K2320167

SKU #: **V104896****Analysis: 122636**

| 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 |

John Su
QA & QC Manager