



Certificate of Analysis

Compound Information

Product Name:L-ValineCat. No.:1040803CAS No.:72-18-4Molecular Formula: $C_5H_{11}NO_2$ Molecular Weight:117.15

Chemical Structure:

$$\bigcap_{NH_2}^{O}$$
OH

Batch Information

Batch No.: Lg0105194421

Storage: Storage temp. 2-8°C

Test Date: 2023-01-05 **Retest Date:** 2026-01-04

Origin: Shanghai, China

QC Summary

Appearance: White to off-white (Solid)

1 H NMR Spectrum: Consistent with structure

 Purity (NMR):
 ≥98.0%

 Water(KF):
 0.14%

 Residue on Ignition:
 0.13%

 OR[α](C=1.00 g/100ml HCl):
 23.7°

Conclusion: The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725 E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai

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