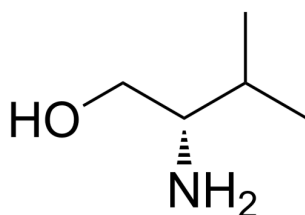


## Certificate of Analysis

### Compound Information

Product Name:	L-Valinol
Cat. No.:	1025188
CAS No.:	2026-48-4
Molecular Formula:	C <sub>5</sub> H <sub>13</sub> NO
Molecular Weight:	103.16
Chemical Structure:	



### Batch Information

Batch No.:	Lf0117119038
Storage:	Storage temp. 2-8°C
Test Date:	2022-01-25
Retest Date:	2025-01-24
Origin:	Shanghai, China

### QC Summary

Appearance:	Colorless to off-white (<30°C Solid,>34°C Liquid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (GC):	99.71%
Water(KF):	0.19%
OR[α](C=0.98 g/100ml H <sub>2</sub> O):	10.4°
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](mailto:product@leyan.com)

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