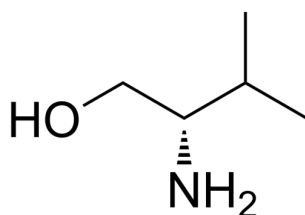


Certificate of Analysis

Compound Information

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



Batch Information

| | |
|--------------|---------------------|
| Batch No.: | Ld0110027 |
| Storage: | Storage temp. 2-8°C |
| Test Date: | 2020-01-10 |
| Retest Date: | 2023-01-09 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------|---|
| Appearance: | Colorless to off-white (<30°C Solid,>34°C Liquid) |
| ¹ H NMR Spectrum: | Consistent with structure |
| Optical Rotation: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| 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

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