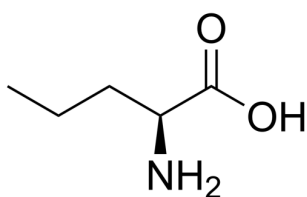


Certificate of Analysis

Compound Information

| | |
|---------------------|--|
| Product Name: | L-Norvaline |
| Cat. No.: | 1039305 |
| CAS No.: | 6600-40-4 |
| Molecular Formula: | C ₅ H ₁₁ NO ₂ |
| Molecular Weight: | 117.15 |
| Chemical Structure: | |



Batch Information

| | |
|--------------|---------------------|
| Batch No.: | Lg0802289837 |
| Storage: | Storage temp. 2-8°C |
| Test Date: | 2023-08-02 |
| Retest Date: | 2026-08-01 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| Water(KF): | 0.16% |
| Optical Rotation: | 21.3° (C=1.00g/100ml, 1N HCL) |
| 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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