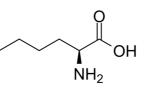


Certificate of Analysis

| Product Name: | L-Norleucine |
|----------------|--------------|
| Cat. No.: | CS-W020710 |
| CAS No.: | 327-57-1 |
| Batch No.: | Ld110422078 |
| Chemical Name: | L-Norleucine |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₆ H ₁₃ NO ₂ |
|---------------------|--|
| Molecular Weight: | 131.17 |
| Storage: | Storage temp. 2-8°C |
| Chemical Structure: | |



ANALYTICAL DATA

| Appearance: | White to off-white (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| Conclusion: | The product has been tested and complies with the given specifications. |

Caution: Product has not been fully validated for medical applications. For research use only.

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