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Product Specifications

Catalogue Number	03404
Product	D-Norleucine
	D-Nle-OH
	D-2-Aminohexanoic acid
CAS Number	327-56-0
Molecular Formula	C ₆ H ₁₃ NO ₂
Molecular Weight	131.18

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL 5N HCl)
Elemental Analysis (Theory)	≤ 5.0% (C, N, H)
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = -23 ± 2 ° (C=5 in 5N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (110 °C, 2h)
¹H NMR	Conforms to structure
Assay	≥ 99%
L-Enantiomer	≤ 0.5%
Chiral Purity	≥ 99.5% (ee)
Storage	Store at RT

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For Laboratory Use Only