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Certificate of Analysis

Catalogue Number	03406
Product	D-Norvaline
Lot Number	000424-200625-22372
	D-Nva-OH
CAS Number	2013-12-9
Molecular Formula	C ₅ H ₁₁ NO ₂
Molecular Weight	117.1

Appearance	White crystalline powder
Optical Rotation	[α] _D ²⁰ = -23.3 ° (C=2 in 6N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.28% (105 °C, 2h)
Residue On Ignition	0.05%
¹H NMR	Conforms to structure
Assay by titration	99.85% (Acid-Base titration)
L-Enantiomer	0.0242%
Chiral Purity	99.97% (ee)
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager