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Certificate of Analysis

Catalogue Number	03401
Lot Number	000424-211210-20125
Product	3-(2-Naphthyl)-D-alanine D-Ala(2-naphthyl)-OH
CAS Number	76985-09-6
Molecular Formula	C ₁₃ H ₁₃ NO ₂
Molecular Weight	215.3

Appearance	White powder
Solubility	Clear solution (0.1 g in 4 mL 1 N NaOH)
Melting Point	239.7 - 249.4 °C
Optical Rotation	[α] _D ²⁰ = 5.6 ° (C=1 in 1N NaOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.28% (80 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	99.94% (ee)
L-Enantiomer	0.0557%
Purity by HPLC	99.92%
Storage	Store at 0 - 8 °C
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