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Certificate of Analysis

Catalogue Number 02586
Lot Number 000424-170804-20222
Product **Boc-3-(2-naphthyl)-L-alanine**

Boc-L-Ala(2-naphthyl)-OH

CAS Number 58438-04-3
Molecular Formula C₁₈H₂₁NO₄

Molecular Weight 315.2

Appearance White to off-white powder
Solubility Clear Solution (0.3g in 2ml DMF)
Melting Point 98.6 - 101.6 °C
Water Content (Karl Fisher) 0.26%
Optical Rotation [α]_D²⁰ = +45.0 ° (C=2 in EtOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.40% (40 °C, 2h)
¹H NMR Conforms to structure
Chiral HPLC 99.97%
D-Enantiomer 0.0287%
Purity by HPLC 99.54%
Storage Store at 0-8°C

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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