

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	02588
Lot Number	000424-200621-20212
Product	Fmoc-3-(2-naphthyl)-L-alanine Fmoc-L-Ala(2-naphthyl)-OH
CAS Number	112883-43-9
Molecular Formula	C ₂₈ H ₂₃ NO ₄
Molecular Weight	437.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	161.0 - 167.2 °C
Water Content (Karl Fisher)	0.53%
Optical Rotation	[α] _D ²⁵ = -15.3 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.16% (55 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
D-Enantiomer	Not detected
Purity by HPLC	99.89%
Storage	Store at 0 - 8 °C

Certificate of Analysis

Catalog Number: 02588

Lot Number: 000424-200621-20212

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager