

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	07421
Lot Number	000424-170314-23084
Product	Fmoc-β-(2-furyl)-D-alanine

Fmoc-3-D-Ala(2-furyl)-OH

CAS Number	220497-85-8
Molecular Formula	C ₂₂ H ₁₉ NO ₅

Molecular Weight	377.4
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Appearance	White to off-white powder
Solubility	Clear solution (0.5 mmol/ml in DMF)
Optical Rotation	[α] _D ²⁰ = + 13.67 ° (C=1 in CH ₃ OH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Residual Solvents	Not identified
Related Substances	Not identified
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
L-Enantiomer	Not detected
Purity by HPLC	99.8%
Storage	Store at 0-8 °C

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Lot Number: 000424-170314-23084

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