

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	03755
Lot Number	000424-180810-20317
Product	Fmoc-4-(Boc-amino)-L-phenylalanine Fmoc-L-Phe(4-NHBoc)-OH
CAS Number	174132-31-1
Molecular Formula	C ₂₉ H ₃₀ N ₂ O ₆
Molecular Weight	502.6
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Appearance	Off-white powder
Solubility	Clear solution (0.25g in 25ml MeOH)
Melting Point	157.3 - 157.5 °C
Water Content (Karl Fisher)	1.56%
Optical Rotation	[α] ²⁰ _D = 11.4 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.06%
¹H NMR	Conforms to structure
Purity by HPLC	99.16%
Storage	Store at 0-8 °C

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Lot Number: 000424-180810-20317

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