

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	07307
Lot Number	000424-191010-35303
Product	Fmoc-allyl-L-glycine Fmoc-L-Gly(allyl)-OH
CAS Number	146549-21-5
Molecular Formula	C ₂₀ H ₁₉ NO ₄
Molecular Weight	337.37

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	137.9 - 138.3 °C
Water Content (Karl Fisher)	0.06%
Optical Rotation	[α] ²⁰ _D = -8.8 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.15% (60 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	99.22% (ee)
D-Enantiomer	0.7809%
Purity by HPLC	99.57%
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

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

Bala Kumar
Quality Control Manager