

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	07380
Lot Number	000424-210707-23310
Product	Fmoc-3-(4-thiazolyl)-L-alanine Fmoc-L-Ala(4-thiazoyl)-OH
CAS Number	205528-32-1
Molecular Formula	C ₂₁ H ₁₈ N ₂ O ₄ S
Molecular Weight	394.45

Appearance	White powder
Solubility	Clear solution (0.1 g in 1 mL DMF)
Melting Point	178.4 - 188.6 °C
Water Content (Karl Fisher)	0.23%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.17% (80 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
D-Enantiomer	Not detected
Purity by HPLC	99.82%
Storage	Store at 0 - 8 °C
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