

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05281
Lot Number	000424-200306-30109
Product	Boc-L-alanine-4-nitrophenyl ester Boc-L-Ala-ONp
CAS Number	2483-49-0
Molecular Formula	C ₁₄ H ₁₈ N ₂ O ₆
Molecular Weight	310.31

Appearance	Off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	82.6 - 83.4 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -52.6 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Loss on Drying	0.06% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.72%
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