

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05609
Lot Number	000424-170621-22500
Product	Boc-β-tert-butyl-L-alanine
	Boc- β -tBu-L-Ala-OH
CAS Number	79777-82-5
Molecular Formula	C ₁₂ H ₂₃ NO ₄
Molecular Weight	245.33

Appearance	White to off-white powder
Optical Rotation	[α] _D ²⁰ = - 13.45° (C=1 in EtOH)
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)
D-Enantiomer	Not detectable
Purity by HPLC	99.6%
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