

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	15451
Product	Boc-(S)-3-amino-3-(4-methylphenyl)propionic
Lot Number	000424-220801-20394
	Boc-D-β-Phe(4-Me)-OH
CAS Number	479064-96-5
Molecular Formula	C ₁₅ H ₂₁ NO ₄
Molecular Weight	279.34

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	149.7 - 150.8 °C
Water Content (Karl Fisher)	0.25%
Optical Rotation	[α] _D ²⁰ = -50.2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.28% (70 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
Other Enantiomer	Not detected
Purity by HPLC	99.67%
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