

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	01379
Product	Boc-L-serine
Lot Number	000424-151030-31500 Boc-L-Ser-OH Boc-L- β -Hydroxyalanine
CAS Number	3262-72-4
Molecular Formula	C ₈ H ₁₅ NO ₅
Molecular Weight	205.22

Appearance	White powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	90.1-90.5 °C
Water Content (Karl Fisher)	0.097%
Optical Rotation	[α] _D ²⁰ = -8.3° (C=3 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.37% (40 °C, 2 hr)
¹H NMR	Conforms to structure
D-Enantiomer	0.1470%
Purity by HPLC	99.93%
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 01379

Lot Number: 000424-151030-31500

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