

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	02895
Lot Number	000424-131225-31497
Product	Boc-D-serine
	Boc-D-Ser-OH
	Boc-D- β -hydroxyalanine
CAS Number	6368-20-3
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	89.3-91.2 °C
Water Content (Karl Fisher)	0.196%
Optical Rotation	$[\alpha]_D^{20} = +3.8^\circ$ (C=2 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.42%
¹H NMR	Conforms to structure
Purity by HPLC	99.67%
Storage	Store at 0-8°C

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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