

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	03953
Product	Boc-S-trityl-L-homocysteine
Lot Number	000424-180524-22523 Boc-L-HomoCys(Trt)-OH
CAS Number	201419-16-1
Molecular Formula	C ₂₈ H ₃₁ NO ₄ S
Molecular Weight	477.57

Appearance	White powder
Solubility	Clear solution (0.3 g in 2ml DMF)
Melting Point	131.6 - 132.2°C
Water Content (Karl Fisher)	0.38%
Optical Rotation	[α] _D ²⁰ = + 10.4° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	99.88%
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