

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	02709
Product	<i>N</i>^α-Boc-<i>N</i>^ε-biotinyl-L-lysine
Lot Number	000424-181013-31148 Boc-L-Lys(biotinyl)-OH
CAS Number	62062-43-5
Molecular Formula	C ₂₁ H ₃₆ N ₄ O ₆ S
Molecular Weight	472.59

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	149.9 - 153.0 °C
Water Content (Karl Fisher)	0.47%
Optical Rotation	[α] _D ²⁰ = + 24 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.62% (70°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.02%
Storage	Store at 0-8°C

Certificate of Analysis

Catalog Number: 02709

Lot Number: 000424-181013-31148

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