

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	01665
Lot Number	000424-171120-11815
Product	<i>N</i>^α-<i>Z</i>-<i>N</i>^ε-Boc-L-lysine-<i>N</i>-hydroxysuccinimide ester Z-L-Lys(Boc)-OSu
CAS Number	3338-34-9
Molecular Formula	C ₂₃ H ₃₁ N ₃ O ₈
Molecular Weight	477.4

Appearance	White crystals
Solubility	Clear Solution (0.3 g in 2ml DMF)
Melting Point	100.7-110.7 °C
Water Content (Karl Fisher)	0.08%
Optical Rotation	[α] _D ²⁰ = - 13.9° (C=1 in EtOAc)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.20% (45 °C,2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.48%
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