

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	07602
Product	<i>N</i>^α-<i>Z</i>-<i>N</i>ⁱⁿ-Boc-L-tryptophan dicyclohexylammonium salt
Lot Number	000424-180810-11207 Z-L-Trp(Boc)-OH•DCHA
CAS Number	218938-57-9
Molecular Formula	C ₂₄ H ₂₆ N ₂ O ₆ ·C ₁₂ H ₂₃ N
Molecular Weight	619.8

Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL MeOH)
Melting Point	148.3 - 150.9 °C
Water Content (Karl Fisher)	0.218%
Optical Rotation	[α] ²⁰ _D = +23.6 ° (C=2 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.09% (60 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
D-Enantiomer	Not detectable
Purity by HPLC	99.53%
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