

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	06672
Product	Z-L-Tyrosine <i>tert</i>-butyl ester hydrate
Lot Number	000424-131215-12017 Z-L-Tyr-OtBu•H ₂ O
CAS Number	16881-33-7
Molecular Formula	C ₂₁ H ₂₅ NO ₅ •H ₂ O
Molecular Weight	389.44

Appearance	White powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	83.9-85.9 °C
Water Content (Karl Fisher)	0.354%
Optical Rotation	[α] _D ²⁰ = -21.6° (C=1 in DMF)
Infrared Spectrum	Conforms to standard
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.56% (35 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.20%
Storage	Store at 0-8°C

Certificate of Analysis

Catalog Number: 06672

Lot Number: 000424-131215-12017

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