

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 02259
Lot Number 000424-141222-12604
Product **Z-O-benzyl-L-threonine**

Z-L-Thr(Bzl)-OH

CAS Number 69863-36-1
Molecular Formula C₁₉H₂₁NO₅

Molecular Weight 343.4

Appearance White powder
Solubility Clear solution (0.3 g in 2 mL DMF)
Melting Point 73.1-73.5 °C
Water Content (Karl Fisher) 0.205%
Optical Rotation [α]_D²⁰ = +16.3° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.66% (30 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.05%
Storage Store at 0-8 °C
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