

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 03846
Lot Number 000424-130926-11122
Product ***N*^α-Z-*N*^δ-trityl-L-glutamine**

Z-L-Gln(Trt)-OH

CAS Number 132388-60-4
Molecular Formula C₃₂H₃₀N₂O₅
Molecular Weight 522.6

Appearance White powder
Solubility (Turbidity) Clear solution (0.3 g in 2mL DMF)
Melting Point 161.8-162.3 °C
Water Content (Karl Fisher) 0.69%
Optical Rotation [α]_D²⁰ = -5.2° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.04% (70 °C, 2h)
Purity by HPLC 99.06%
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