

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

Catalog Number	02158
Product Name	Z-D-Gln-OH
Lot Number	02158-022007-1
CAS Registry Number	13139-52-1
Molecular Formula	C ₁₃ H ₁₆ N ₂ O ₅
Molecular Weight	280.3
Appearance	White powder
Melting Point	116 – 118 °C
Specific Rotation [α] ²⁰ _D	5.6 ° (c=1.0 %, EtOH)
Purity (HPLC)	98 %
Remarks	See material safety data sheets for additional information. For laboratory use only.

Quality Control Manager

HPLC Conditions

Column	Beckman Ultrasphere 5 μ m, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	6.5
Sample preparation	2 mg/1 mL 100% Methanol/Water
Injection volume, μl	5
Method /Detection at, nm	Gradient
	10-60% B
	A = 99.9% Water, 0.1% TFA
	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min

Bo10/ 210