

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	02250
Product Name	Z-D-Ser-OH N ^α -(Benzyloxycarbonyl)-D-serine
Lot Number	02250-030607-1
CAS Registry Number	6081-61-4
Molecular Formula	C ₁₁ H ₁₃ NO ₅
Molecular Weight	239.2
Melting Point	113 – 115 °C
Appearance	White powder
HPLC (Purity)	98 %
Specific Rotation (α_D²⁰)	-5.7 ° (c=1, AcOH)
Storage	0 °C
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	8.92
Sample preparation	2 mg/1 ml 100% Acetonitrile/Water
Injection volume, μl	5
Method /Detection at, nm	Gradient
	10-60% A(2)
	A = 99.9% Water, 0.1% TFA
	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min

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