

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	02153
Product Name	Z-Cys(Bzl)-ONp
Lot Number	2153-012904-1
CAS Registry Number	3401-37-4
Molecular Formula	C ₂₄ H ₂₂ N ₂ O ₆ S
Molecular Weight	466.5
Appearance	Light yellow powder
Melting Point	88 – 90 °C
Specific Rotation [α] _D ²⁰	- 38.6 ° (c=1.054 % in MeOH)
Purity (HPLC)	98 %
Storage	Store at 0-5°C.
Remarks	See material safety data sheets for additional information. For laboratory use only.



Sashi Kumar
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	19.0
Sample preparation	2 mg/1 mL 100% Acetonitrile/Water
Injection volume, μl	5

Method /Detection at, nm

Gradient

40-90% 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

Boc 40/ 210