

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	04014
Product Name	Boc-D-Phe-ONp Boc-D-phenylalanine 4-nitrophenyl ester
Lot Number	04014-022105-1
CAS Registry Number	16159-70-9
Molecular Formula	C ₂₀ H ₂₂ N ₂ O ₆
Molecular Weight	386.4
Appearance	Pale yellow powder
Specific Rotation [α] _D ²⁰	+ 22.78 ° (c=0.98 % in DMF)
Melting Point	124– 125 °C
Purity (HPLC)	97 %
Storage	Store at -0°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	15.017
Sample preparation	7 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

Boc40 / 210