



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Certificate of Analysis

Catalog Number	04-616
Product Name	Boc-Phe(4-Cl)-OH
Lot Number	2566-082404-1
CAS Registry Number	68090-88-0
Molecular Formula	C ₁₄ H ₁₈ ClNO ₄
Molecular Weight	299.8
Appearance	White powder
Melting Point	107 – 109 °C
Specific Rotation [α] ²⁰ _D	+ 25.6 ° (c=1.029 % in EtOH)
Purity (HPLC)	99+ %
Storage	Store at -0°C

HPLC Conditions

Column	Beckman Ultrasphere 5 μm, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	14.2
Sample preparation	2 mg/1 mL 100% Acetonitrile/Water
Injection volume, μL	5
Method /Detection at, nm	Gradient
	30-80% 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 / 210