

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	04142
Product Name	Boc-D-Phe(3-F)-OH Boc-3-fluoro-D-phenylalanine
Lot Number	04142-032105-1
Molecular Formula	C ₁₄ H ₁₈ FNO ₄
Molecular Weight	283.30
Appearance	Off-white crystalline powder
Melting Point	76-79 °C
Optical Rotation	(α_D)= - 22.82° (C=1.0, Ethyl acetate)
HPLC	>98%
Storage	Store at -0°C.
Remarks	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



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	10.967
Sample preparation	5 mg/1 ml 50% 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