

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

Catalogue Number	05107
Lot Number	000027-14996-4
Product	Fmoc-α,β-dehydro-2-aminobutyric acid

Fmoc- α,β -dehydro-2-Abu-OH

CAS Number	198545-98-1
-------------------	-------------

Molecular Formula	C ₁₉ H ₁₇ NO ₄
--------------------------	---

Molecular Weight	323.2
-------------------------	-------

Appearance	White to off-white powder
-------------------	---------------------------

TLC System	System1:Chloroform/Methanol/Acetic acid (90:8:2) Chloride/starch/KI development System 2:Hexane/Ethyl acetate/Acetic acid (20:10:1) Chloride/starch/KI development
-------------------	---

Infrared Spectrum	Conforms to structure
--------------------------	-----------------------

Purity by HPLC	97.9%
-----------------------	-------

Purity by TLC	> 95%
----------------------	-------

Storage	Store at 0-8 °C
----------------	-----------------

Additional Information	Gradient: 25-100%B in 20 minutes Buffer A: RODI Water: ACN(98:2) and 0.1% TFA Buffer B: ACN: RODI Water (98:2) and 0.1% TFA Column: Vydac C-18 250 x 4.6 mm 5 μ m Flow: 1.0 ml/min Wavelength: 220 nm T=amb
-------------------------------	---

Country of Origin	USA
--------------------------	-----

Certificate of Analysis

Catalog Number: 05107

Lot Number: 000027-14996-4

Remarks

See material safety data sheet for additional information

For laboratory use only

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager