

CERTIFICATE OF ANALYSIS

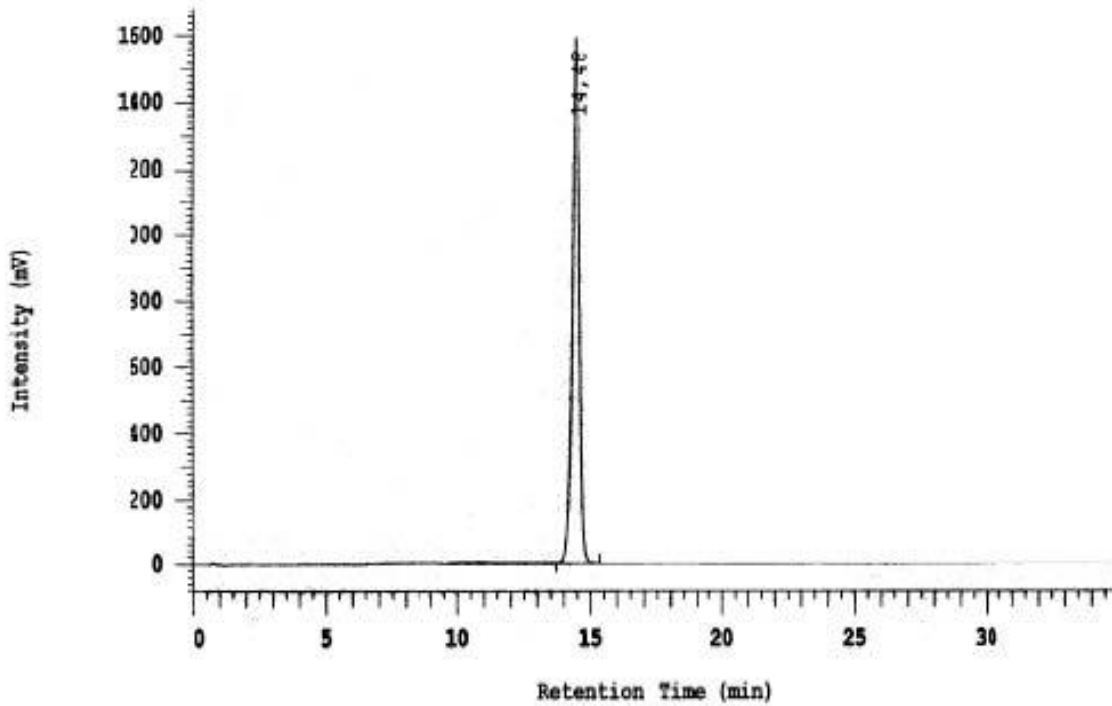
Product Name: Fmoc-L-Leu-OH
CAS No.: 35661-60-0
Lot No.: A28917
Molecular Formula: $C_{21}H_{23}NO_4$
Molecular Weight: 353.4
Manufacturing Date: July 10, 2004.
Prolonged Storage: $<25^{\circ}C$

Tests	Specifications	Results
Appearance	White to off white powder	White powder
Purity(HPLC)	$\geq 98.0\%$	99.5%
Specific Rotation $[a]_{20D}$	$-7.0^{\circ} \pm 1.5^{\circ}$ (C=1% in DMF)	-6.7° (C=1% in DMF)
Optical Purity	$< 0.5\%$ D-enantiomer	$< 0.1\%$
TLC	Purity $\geq 98\%$	$> 99\%$
Solubility	25 mmole in 50 ml DMF clearly soluble	Clear solution

Quality control (seal):

Sample Name: Fmoc- Leu-OH
Sample Description: 04-12-1025 A28917,
0.3mg/ml CAN
Vial Number: 29
Application: Fmoc0301

Analyzed: 07.01.04 11:30
Processed: 07.01.04 17:18
Reported: 07.01.04 17:18



Acquisition Method: Fmoc
 Processing Method: Fmoc
 Column Type: MNucleosil C18HD 125 ×3mm 100-3
 Solvent A: TEAP 0.05 M pH 2.25
 Solvent B: Eluent A + ACN(10/90)
 Gradient: 35-95% B in 35 min
 Flow: 0.8ml/min
 Detection: UV 215nm
 Temp: 30 °C
 Volume: 5,0ul

No.	RT	Area	Area %	BC
1	14,48	28221619	100,100	VB
		28221619	100,00	

Peak rejection level:10000