CERTIFICATE OF ANALYSIS

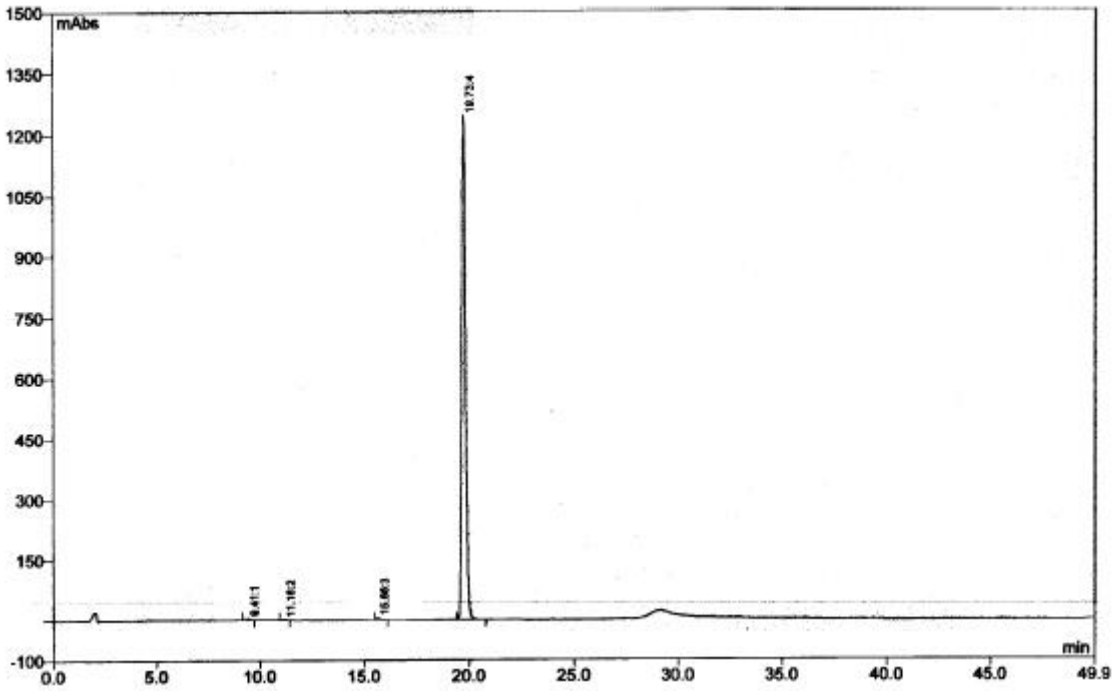
Product Name:	Fmoc-L-Phe-OH
CAS No.:	35661-40-6
Lot No.:	A28364
Molecular Formula:	$C_{24}H_{21}NO_4$
Molecular Weight:	387.4
Manufacturing Date:	July 10, 2004.
Prolonged Storage:	<25 ^{o}C

Tests	Specifications	Results
Appearance	White to off white powder	White powder
Purity(HPLC)	≥98%	99.2%
Specific Rotation$[a]_D^{20}$	-38.0^{o}±2.5^{o} (C=1% in DMF)	-38.1 (C=1% in DMF)
Optical Purity	< 0.5 % D-enantiomer	< 0.1 %
TLC	Purity≥98%	>99%
Solubility	25 mmole in 50 ml DMF clearly soluble	Clear solution

Quality control (seal):

Sample Name: Fmoc-L-Phe-OH
Sample Description: 04-12-1030 A28364, 1mg/ml MeOH
Vial Number: 16
Application: Fmoc0208

Analyzed: 04.06.04 13:30
Processed: 04.06.04 14:18
Reported: 04.06.04 14:18



Acquisition Method: Fmoc
Processing Method: Fmoc
Column Type: MNNucleosil 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 ℃
Volume: 5,0ul

No.	Ret.Time min	Type	Area %	Height MAbs mim
1	9.41	MLR	0.25	3.81
2	11.16	MLR	0.14	2.16
3	15.66	MLR	0.37	5.89
4	19.73	MLR	99.24	1246.45
			100,00	1258.31

Peak rejection level:10000