



Tel: 1-732-885-9188  
Fax: 1-732-210-0262

Email:  
info@genscript.com  
Web site:  
www.genscript.com

## CERTIFICATE OF ANALYSIS

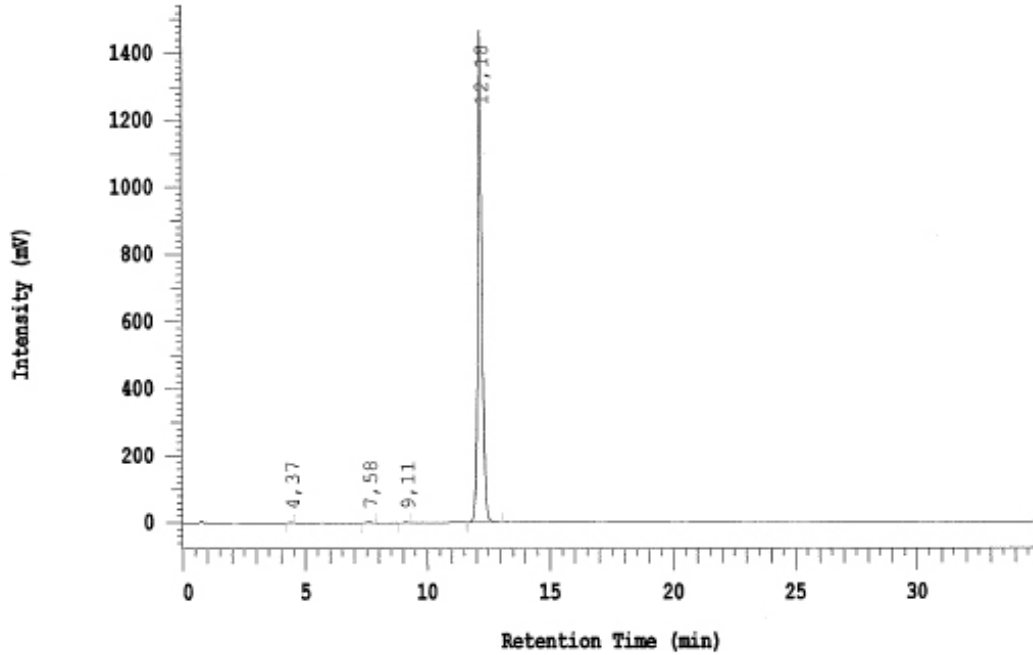
Product Name: Fmoc-Met-OH  
CAS No.: 71989-28-1  
Lot No.: A29451  
Molecular Formula:  $C_{20}H_{21}NO_4S$   
Molecular Weight: 371.5  
Manufacturing Date: July 10, 2004.  
Prolonged Storage: <25 °C

Tests	Specifications	Results
Appearance	White to off white powder	White powder
Purity(HPLC)	$\geq 98\%$	99.5%
Specific Rotation $[a]_D^{20}$	$-29.0^\circ \pm 2.5^\circ$ (C=1% in DMF)	-28.0 (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-Met-OH  
Sample Description: 04-12-1003 A29451,  
1mg/ml MeOH  
Vial Number: 15  
Application: Fmoc0304  
Series: 0030

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°C  
 Volume: 5,0ul

No.	RT	Area	Area %	BC
1	4,37	21938	0,124	BB
2	7,58	45273	0,256	BB
3	9,11	26825	0,152	BB
4	12,18	17604505	99,469	BV
		17698541	100,000	

Peak rejection level:10000