



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number: M-008

Product: **4'-METHOXYFLAVANONE**

CAS Number: [97005-76-0]

Lot Number: 0907063

Chemical Formula: C₁₆H₁₄O₃

Molecular Weight: 254.29

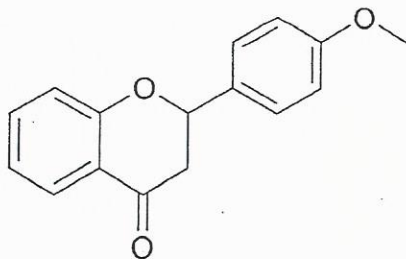
Melting Point: 91.5-93.5°C

Appearance: Off-white crystalline powder

Solubility: Soluble in chloroform

Storage: Store in a cool, dry place

Purity(HPLC): 99.09%





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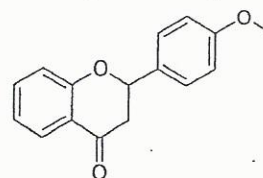
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HPLC ANALYSIS

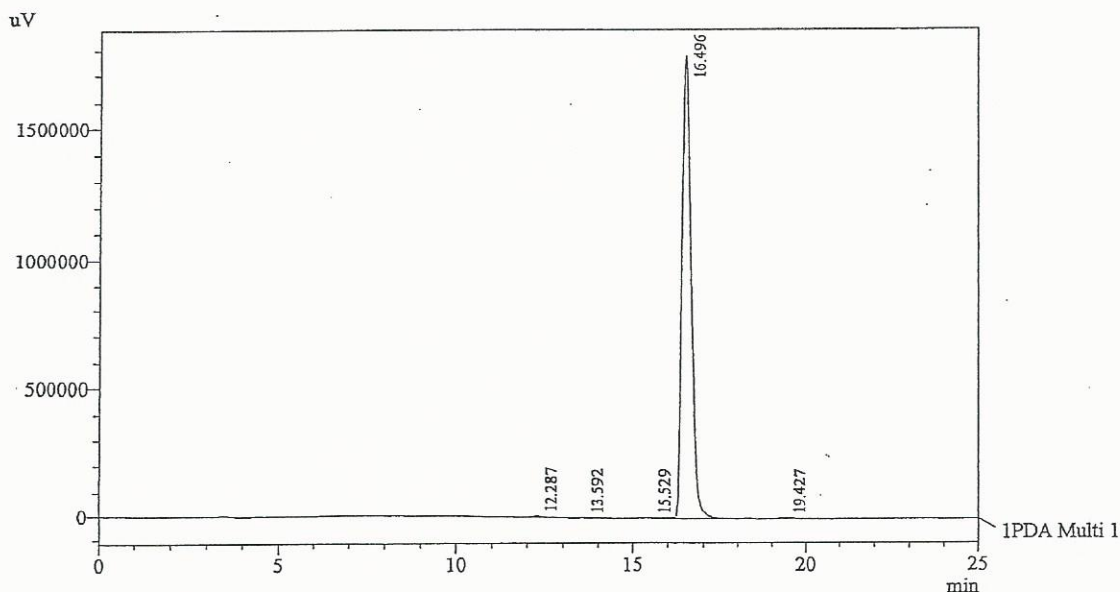
Acquired by : Ramana
Sample Name : 4'-Methoxyflavanone
Sample ID :
Injection Volume : 20 uL
Data Filename : 100709E.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: M-008
Product name: 4'-Methoxyflavanone
Lot No.: 0907063

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10



Chromatogram



1 PDA Multi 1 / 230nm 4nm

PeakTable

Ch1 230nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	12.287	89661	5765	0.270
2	13.592	44036	2974	0.133
3	15.529	44937	2719	0.135
4	16.496	32887813	1788623	99.088
5	19.427	124011	5041	0.374
Total		33190458	1805123	100.000