

INDOFINE Chemical Company, Inc.

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

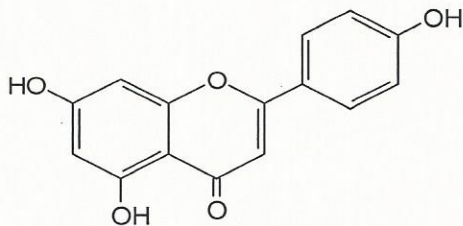
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

<u>Catalog Number:</u>	A-002
<u>Product Name:</u>	APIGENIN (5,7,4'-Trihydroxyflavone)
<u>CAS Number:</u>	[520-36-5]
<u>Lot No.:</u>	0702018
<u>Molecular Formula:</u>	C ₁₅ H ₁₀ O ₅
<u>Molecular Weight:</u>	270.25
<u>Melting Point:</u>	345-350°C
<u>Appearance:</u>	Yellow crystals
<u>Loss on Drying:</u>	1.20%
<u>Solubility:</u>	Soluble in DMSO and DMF. Slightly soluble in hot ethanol.
<u>Purity(HPLC):</u>	99%





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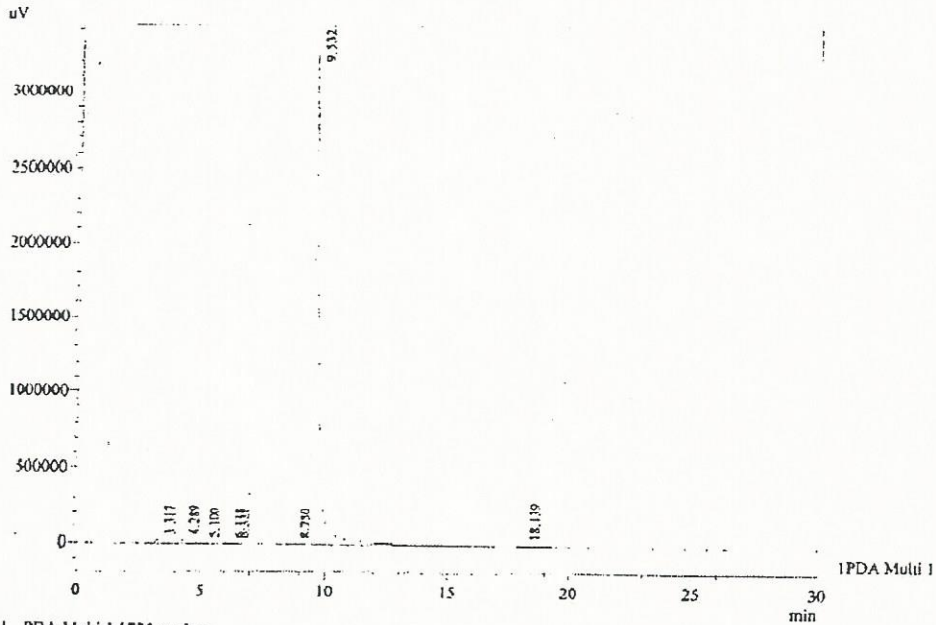
Catalog No.: A-002

Lot No.: 0702018

Acquired by : Ramana
 Sample Name : Apigenin
 Sample ID : 5,7,4'-Trihydroxy-Flavone
 Injection Volume : 20 uL
 Data Filename : 030507B.lcd
 Method Filename : Linear Isocratic.M.lcm

Description:
 Column : Inertsil C-18, 250X4.6mm 5.0µm
 Flow : 0.600ml/min.
 Mobile Phase : D(50% Water) . A(50% ACN)

Chromatogram



1 PDA Multi 1 / 220nm 4nm

Peak Table

PDA_Ch1 220nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	3.317	220464	18417	0.432
2	4.289	230487	18904	0.452
3	5.100	12139	1310	0.024
4	6.118	7764	912	0.015
5	6.321	5902	709	0.012
6	8.750	9567	667	0.019
7	9.532	30529317	3251346	99.025
8	18.139	11429	256	0.022
Total		31027070	3292520	100.000