



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

Cat No.: M-001

Product: **MANGIFERIN**
(Xanthone-c-glucoside)

CAS Number: [4773-96-0]

Lot Number: 1108158

Chemical Formula: C₁₉H₁₈O₁₁

Molecular Weight: 422.35

Melting Point: 254-256°C

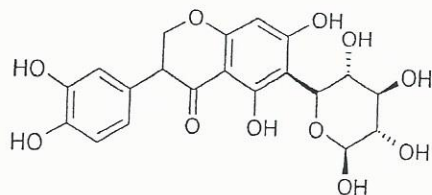
Appearance: Pale yellow powder

Solubility: Soluble in DMF

TLC: Chloroform:Methanol (1:1)

Storage: Cool dry place

Purity: 99.76%





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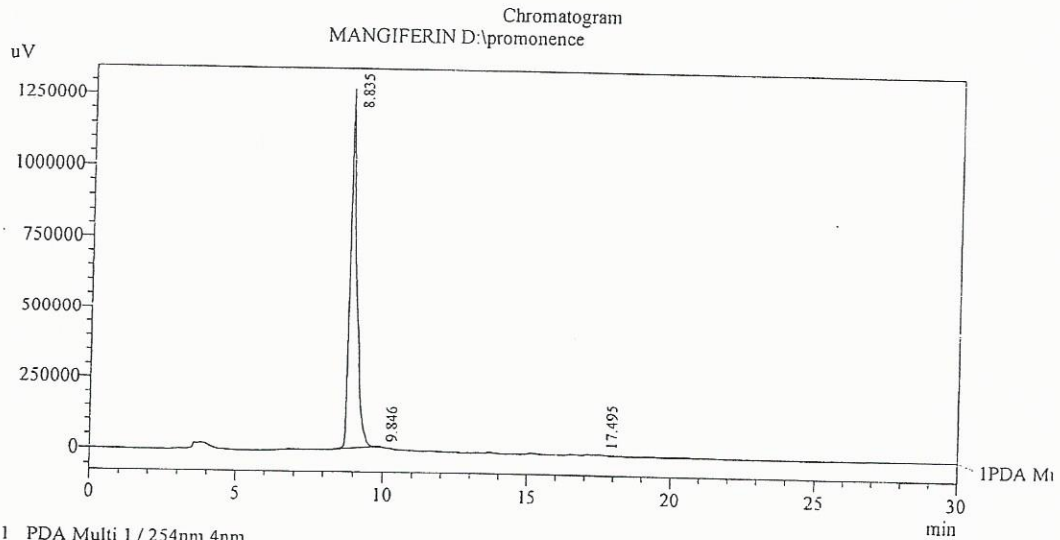
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Rama krishna
Sample Name : MANGIFERIN
Sample ID : 0910077
Injection Volume : 20 uL
Data Filename : 051010B.lcd
Method Filename : Linear Gradient.M.lcm

Cat. No.: M-001
Product name: Mangiferin
Lot No.: 1108158

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



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	8.835	19244432	1265103	99.767
2	9.846	24577	2162	0.127
3	17.495	20360	2443	0.106
Total		19289369	1269708	100.000