



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

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CERTIFICATE OF ANALYSIS

Catalog Number: M-001

Product Name: **MANGIFERIN**

Synonyms: 1,3,6,7-Tetrahydroxyxanthone C2- β -D-glucoside; Alpizarin; Chinomine; Chinonin; Hedysaride; Mannipherin; Shamimin

Source: Mangifera Indica

CAS Number: [4773-96-0]

Lot Number: 1805979

Chemical Formula: C₁₉H₁₈O₁₁

Molecular Weight: 422.34

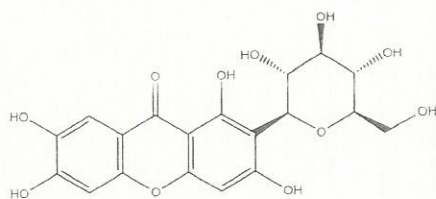
Appearance: Light yellow powder

Solubility: Soluble in DMSO

Loss on Drying: 1.2%

Storage: Store in a cool, dry place

Purity(HPLC): 98.15%





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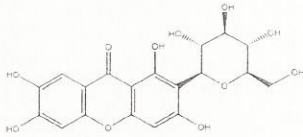
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HPLC ANALYSIS

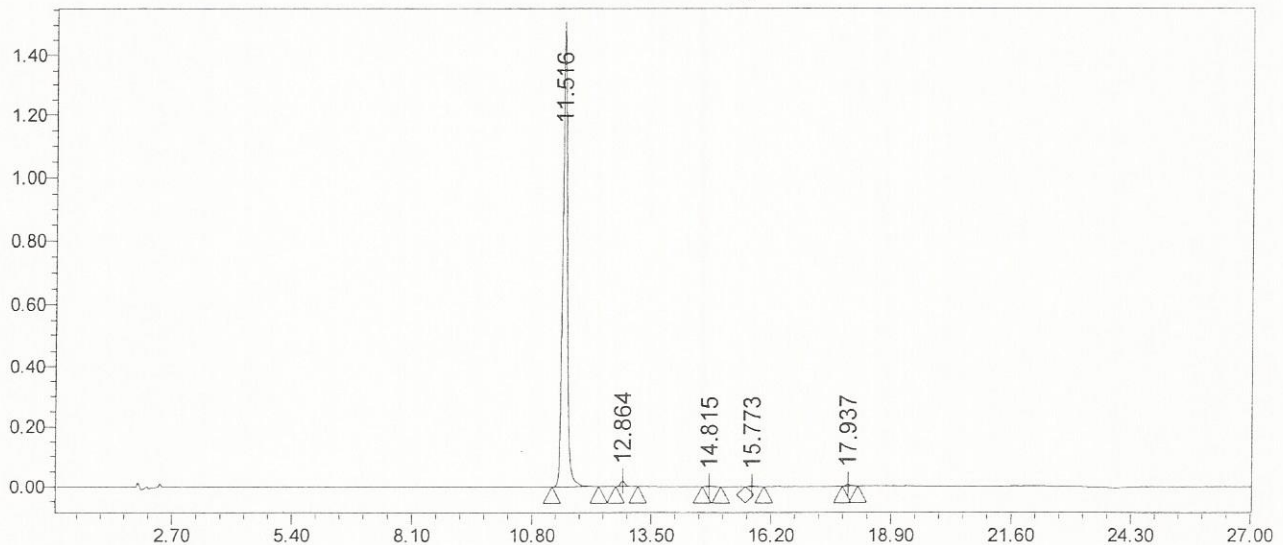


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SAMPLE INFORMATION

Sample Name:	Mangiferin	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	Mangiferin
Vial:	26	Acq. Method Set:	Mangiferin
Injection #:	1	Processing Method:	sample
Injection Volume:	10.00 ul	Channel Name:	317.0nm
Run Time:	27.0 Minutes	Proc. Chnl. Descr.:	PDA 317.0 nm

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	11.516	10901025	98.15	60244.69	
2	12.864	128023	1.15	82616.96	7.27
3	14.815	14656	0.13	102706.23	10.65
4	15.773	24067	0.22	106272.42	4.92
5	17.937	38415	0.35	193675.40	11.60