



INDOFINE CHEMICAL COMPANY, INC.

121 Stryker Lane, Bldg. 30

Hillsborough, NJ 08844

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Phone: (908) 359-6778

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CERTIFICATE OF ANALYSIS

Catalog Number: M-001

Product Name: **MANGIFERIN**

CAS Number: [4773-96-0]

Lot Number: 2605262

Botanical source: Mangifera indica L

Chemical Formula: $C_{19}H_{18}O_{11}$

Molecular Weight: 422.34

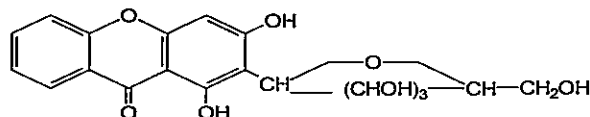
Appearance: Light yellow powder

Loss on Drying: 0.47%

Residue on Ignition: 0.45%

Storage: Store in a cool, dry place

Purity(HPLC): 99.35%



Prepared by:

Ramesh Mandadi

Ramesh Mandadi

Director of Operations

Reviewed and Approved by:

Sujata Moton

Sujata Moton

VP



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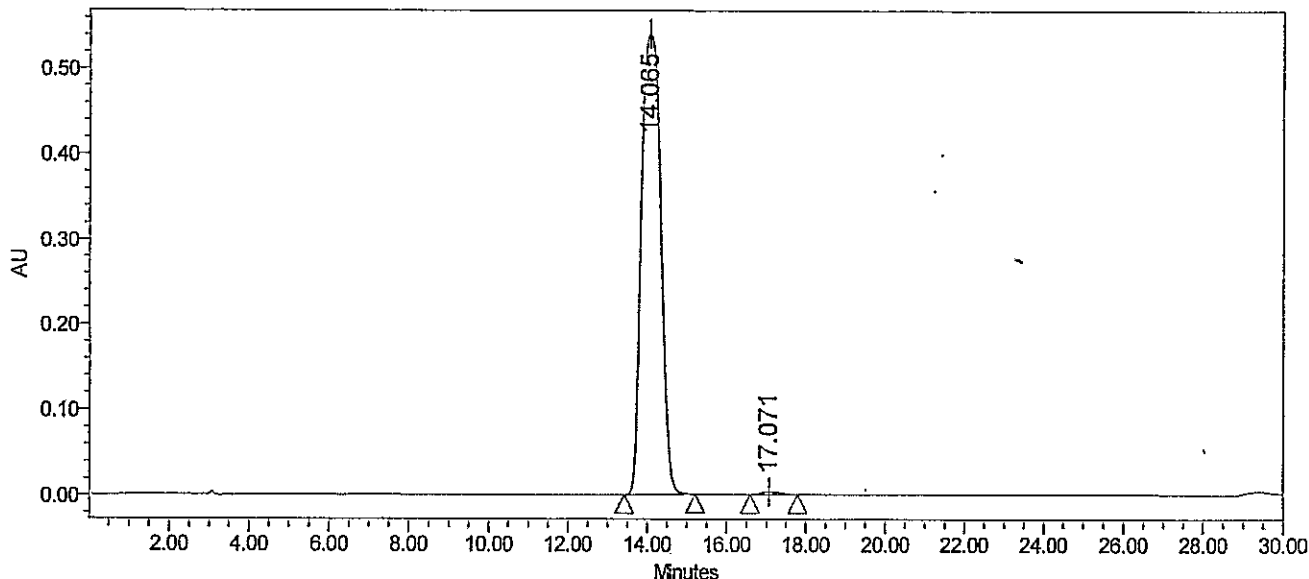
HPLC ANALYSIS

Catalog No.: M-001
Product Name: Mangiferin
Lot No.: 2605262

SAMPLE INFORMATION

Sample Name:		Acquired By:	QC-LJ
Sample Type:	Unknown	Sample Set Name:	2026012802
Vial:	120	Acq. Method Set:	Mangiferin
Injection #:	1	Processing Method:	Mangiferin
Injection Volume:	10.00 ul	Channel Name:	320.0nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	W2996 PDA 320.0 nm (PDA 190.0
		Instrument number:	LC019

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	Height (µV)
1		14.065	18369159	99.35	540297
2		17.071	120556	0.65	3587

Mobile phase A: Methanol

Mobile phase B: 0.03% H_3PO_4 Water

Gradient programme (T/%A) : 0/28, 20/38, 25/90

Flow rate: 0.8 ml/min

Column temp:30

Chromatographic column: Kromasil C18 250*4.6 5µm

Sample Concentration: 1 mg/ml Methanol&Water(9:1)