



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

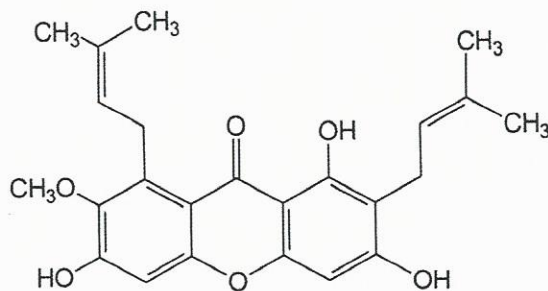
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: M-002

<u>Product:</u>	MANGOSTINE
<u>CAS Number:</u>	[6147-11-1]
<u>Lot No.:</u>	97072
<u>Source:</u>	Garcinia mangostana fruit rind
<u>Molecular Formula:</u>	C ₂₄ H ₂₆ O ₆
<u>Molecular Weight:</u>	410.47
<u>Melting Point:</u>	186.5-188.8°C
<u>Appearance:</u>	Yellow powder
<u>Solubility:</u>	Soluble in Methanol or Acetone
<u>Chromatography:</u>	Single spot on silica gel layers using Benzene:Acetone 9:1 (or) Hexane:Benzene:Acetone 5:4:1
<u>Purity (HPLC):</u>	99.35%





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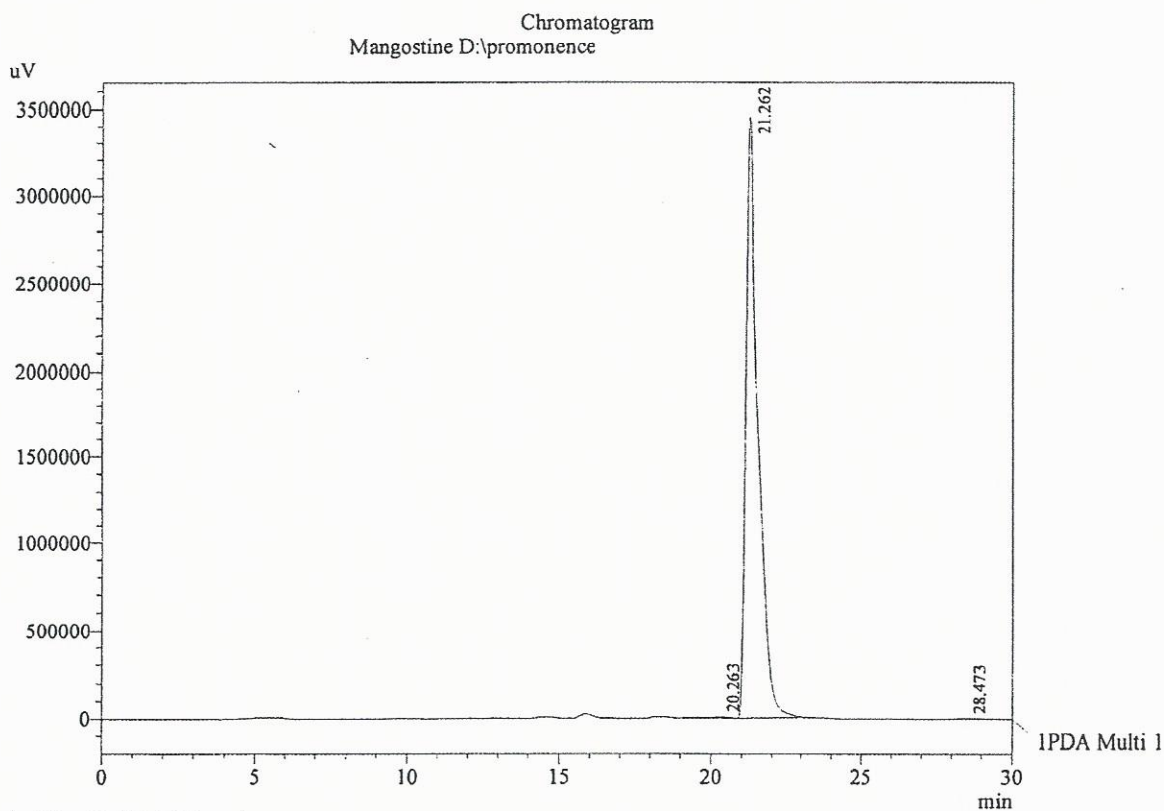
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HPLC ANALYSIS

Cat. No.: M-002
Product: Mangostine
Lot No.: 97072

Acquired by : Ramana
Sample Name : Mangostine
Sample ID : Indofine (Lot No.97072)
Injection Volume : 20 uL
Data Filename : 191009E.lcd
Method Filename : Linear Gradient.M.lcm

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
25.00 : 10 : 90
28.00 : 90 : 10



1 PDA Multi 1 / 240nm 4nm

PeakTable

Ch1 240nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	20.263	219233	8366	0.226
2	21.262	96428207	3452363	99.347
3	28.473	414984	6657	0.428
Total		97062424	3467386	100.000