

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

Catalog Number: M-001

Product Name: **MANGIFERIN**

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

CAS Number: [4773-96-0]

Lot Number: 2106554

Chemical Formula: C₁₉H₁₈O₁₁

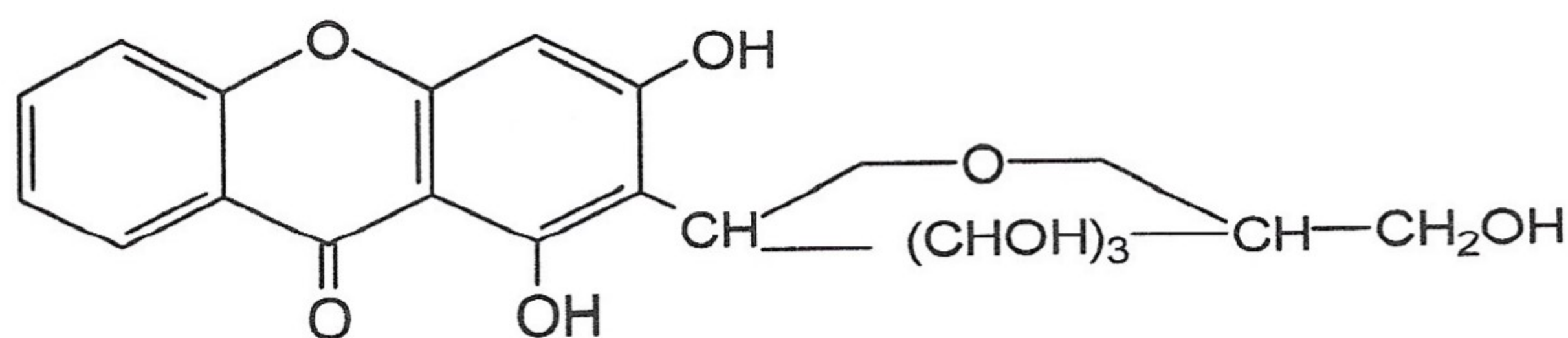
Molecular Weight: 422.34

Appearance: Yellow powder

Solubility: Soluble in DMSO, methanol

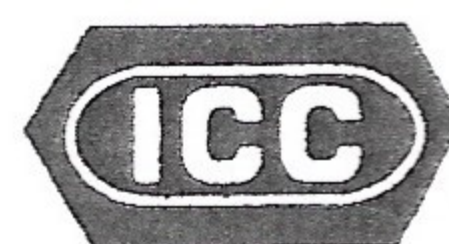
Storage: Store in a cool, dry place

Purity(HPLC): 98.23%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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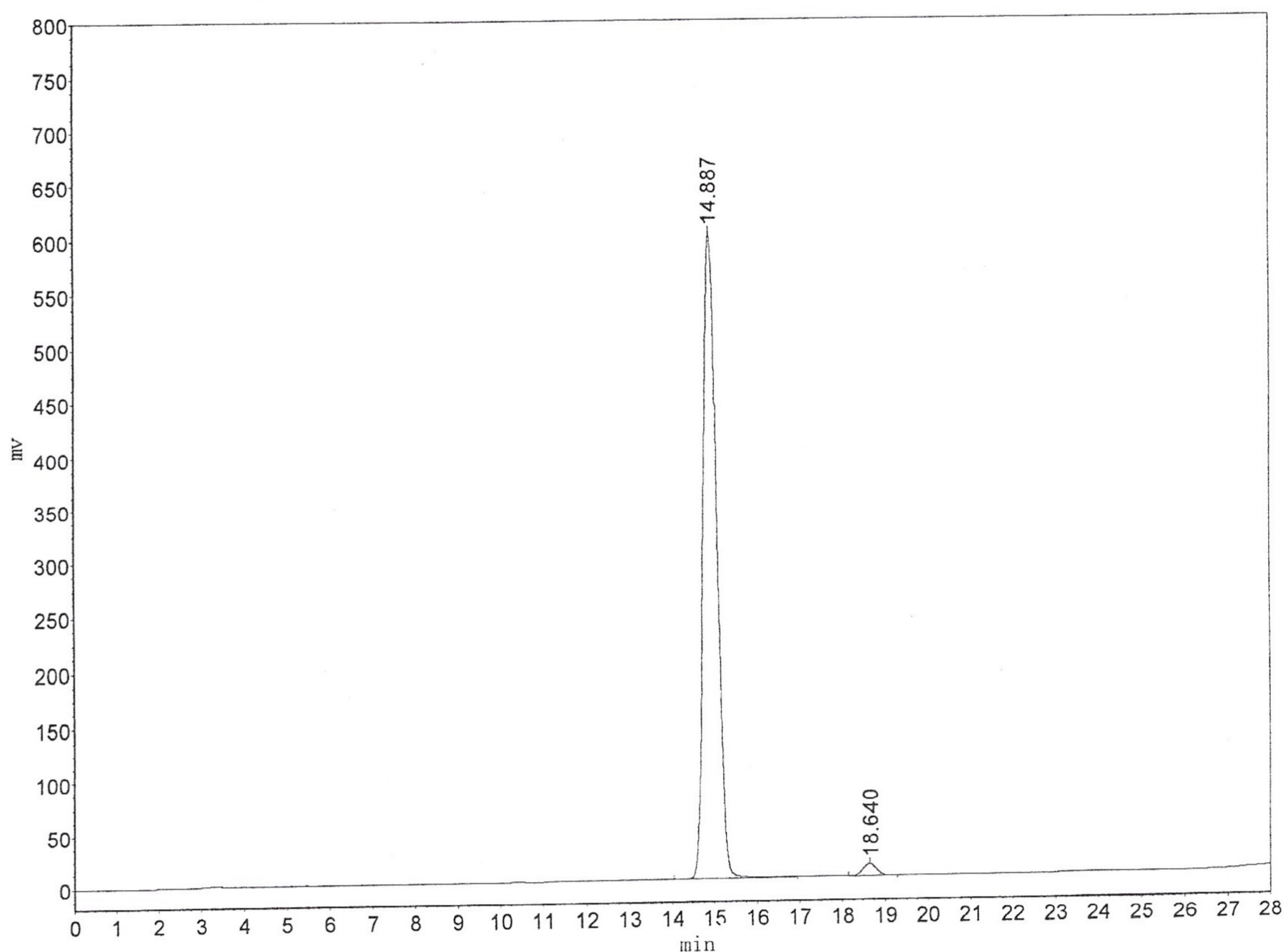
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HPLC ANALYSIS

Mobile Phase-A : Methanol
Mobile Phase-B : 0.03% H₃PO₄ Water
Gradient programme (T/%A) : 0/28, 20/38, 25/90
Flow rate : 0.8ml/min
Wavelength : 320nm
Temperature : 30°C

Catalog No.: M-001
Product Name: Mangiferin
Lot No.: 2106554



Peak Table

Peak#	RT	Height	Area	%Area
1	14.887	601059.563	13147965.000	98.2300
2	18.640	11783.419	236911.156	1.7700
		612842.981	13384876.156	100.0000

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