



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: B-106

Product Name: **BIOCHANIN A**
(5,7-Dihydroxy-4'-Methoxyisoflavone)

Cas Number: [491-80-5]

Lot Number: 2410992

Chemical Formula: C₁₆H₁₂O₅

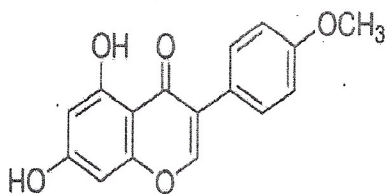
Molecular Weight: 284.26

Appearance: Of-white powder

Loss on Drying: 0.28%

Storage: Store in a cool, dry place

Purity(HPLC): 99.08%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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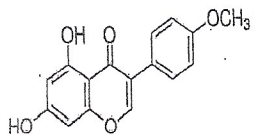
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HPLC ANALYSIS

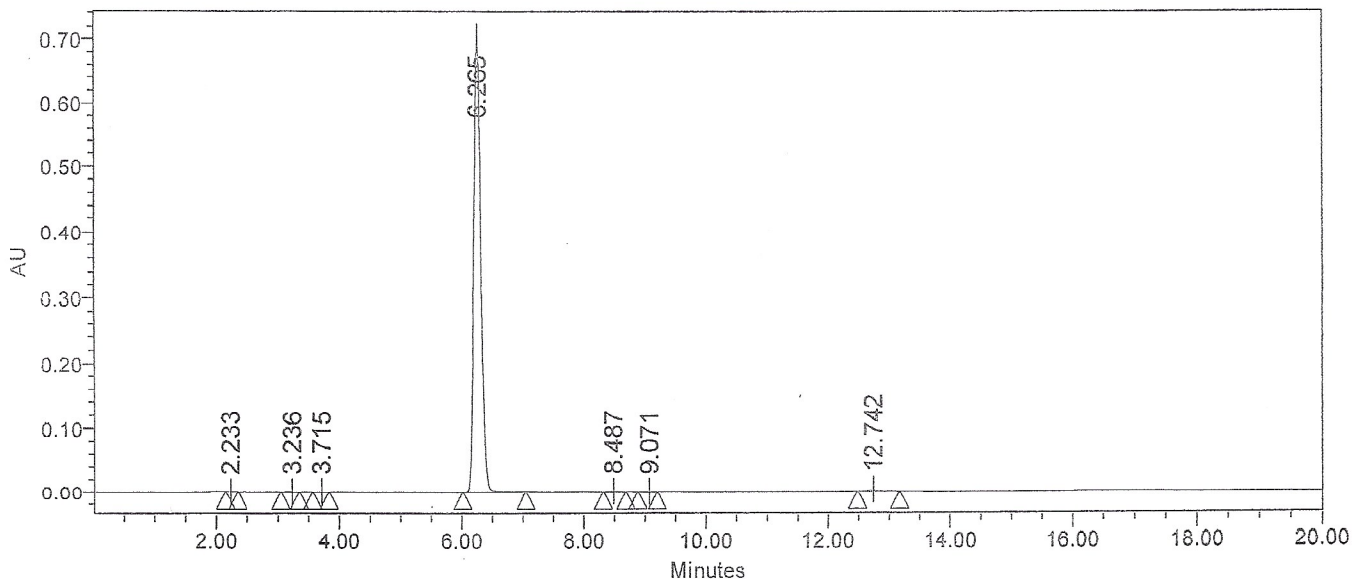


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Product Name: Biochanin A
Lot No.: 2410992

SAMPLE INFORMATION

Sample Name:	Biochanin A	Acquired By:	QC-LJY
Sample Type:	Unknown	Sample Set Name:	20241008
Vial:	10	Acq. Method Set:	Biochanin A
Injection #:	1	Processing Method:	Biochanin A
Injection Volume:	3.00 ul	Channel Name:	260.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	W2996 PDA 260.0 nm (PDA)

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	Height	% Area
1	2.23	3204	530	0.06
2	3.24	1665	208	0.03
3	3.71	1037	149	0.02
4	6.26	5607320	705332	99.08
5	8.49	6539	678	0.12
6	9.07	1997	213	0.04
7	12.74	37609	2548	0.66

Mobile phase A: Acetonitrile 65
Mobile phase B: 0.03% H₃PO₄/Water 35
Flow rate: 0.8 ml/min
Column temp: 30
Chromatographic column: Kromasil C18 250*4.6 5um