



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: 020056

Product Name: **ERIODICTYOL**
(5,7,3,4'-Tetrahydroxyflavanone)

Cas Number: [552-58-9]

Lot Number: 2207691

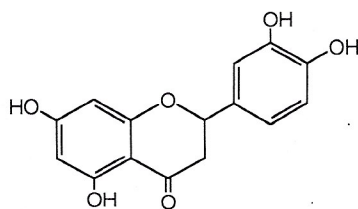
Chemical Formula: $C_{15}H_{12}O_6$

Molecular Weight: 288.26

Appearance: White powder

Storage: Store in a cool, dry place. Protect from light and heat.

Purity(HPLC): 98.68%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



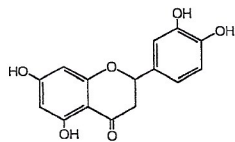
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HPLC ANALYSIS

Catalog No.: 020056
Product Name: Eriodictyol
Lot No.: 2207691

Mobile Phase A: Acetonitrile

Mobile Phase B: 0.03% H₃PO₄ Water

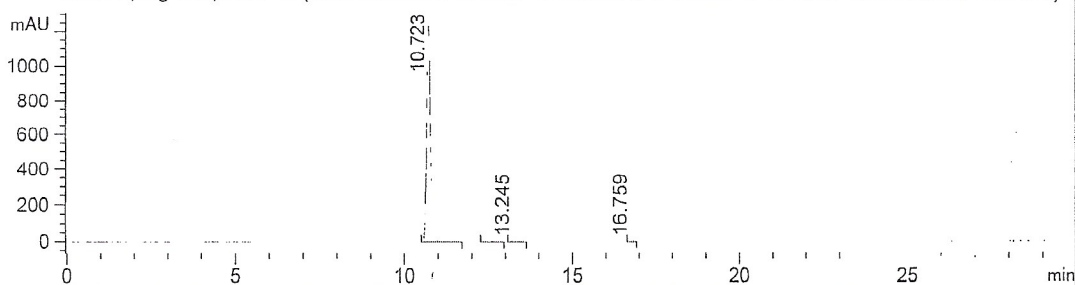
Gradient programme (T/%A) : 0/30,10/50,15/65,20/90

Flow rate : 0.8ml/min

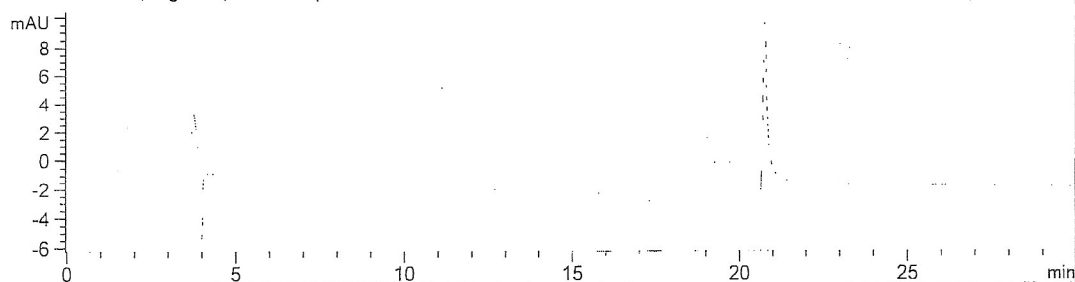
Temperature : 30°C

Column : NaoChrom chromcore polar C18 250*4.6mm 5um

DAD1 A, Sig=280,4 Ref=off (D:\CHEM321\DATA\20211013\20211013-2 2021-10-13 10-08-12\0100815-211001B.D)



DAD1 A, Sig=280,4 Ref=off (D:\CHEM321\DATA\20211013\20211013-2 2021-10-13 10-08-12\BLANK.D)



Signal 1: DAD1 A, Sig=280,4 Ref=off

Peak #	RT [min]	Type	Width [min]	Height	Area	Area %
1	10.723	BB	0.115	1.243e3	9.244e3	98.682
2	12.665	MM	0.128	12.569	96.425	1.029
3	13.245	MM	0.140	1.991	16.733	0.179
4	16.759	MM	0.105	1.650	10.347	0.110

Prepared by:

Ramesh Mandadi

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Director of Operations

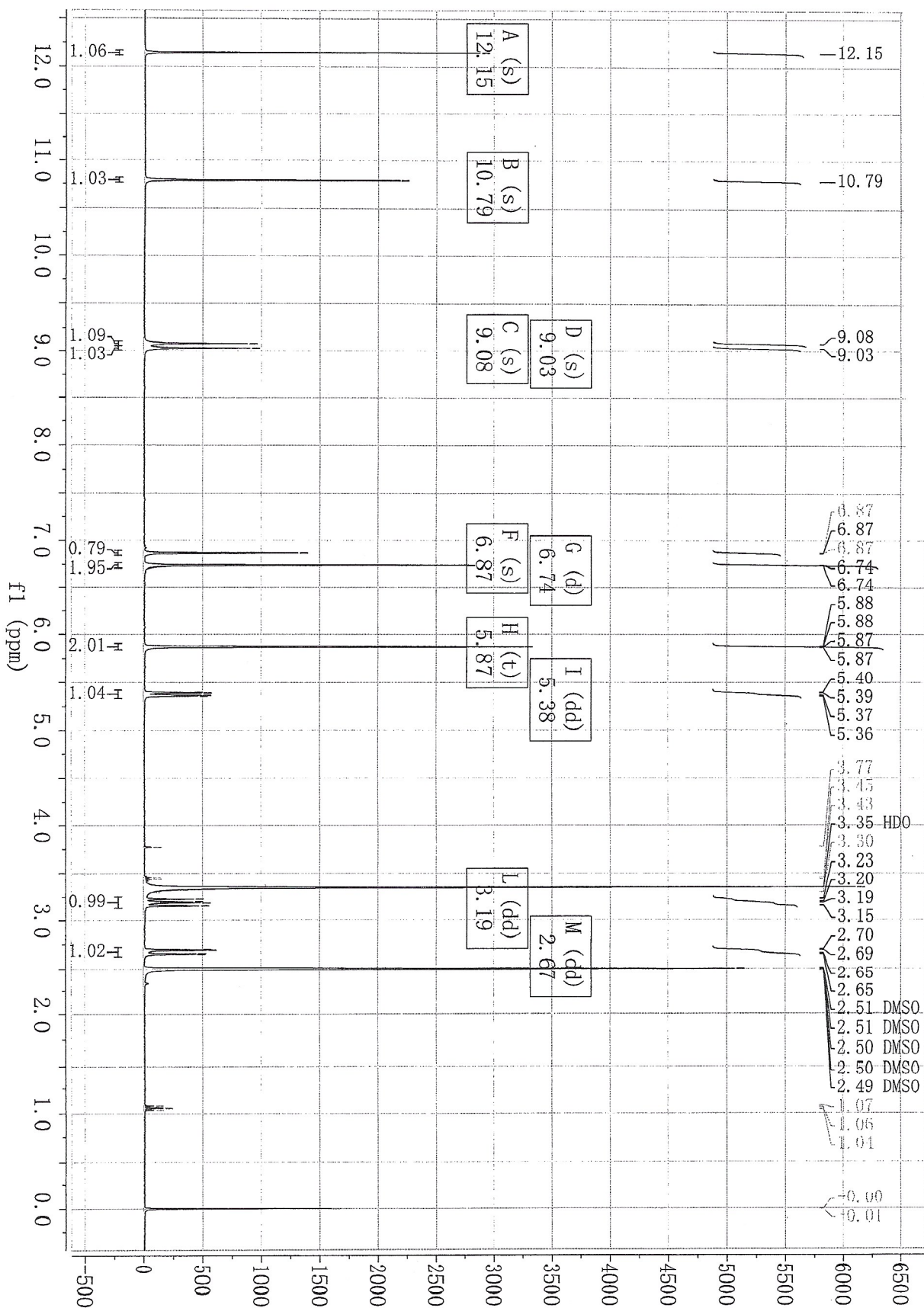
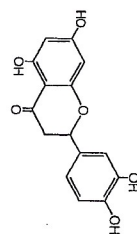
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