



INDOFINE Chemical Company, Inc.

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Phone: (908) 359-6778 • FAX: (908) 359-1179

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CERTIFICATE OF ANALYSIS

Catalog number: 021166S

Product name: **DIDYMIN**
(Neoponcirin, Isosakuranetin-7-O-rutinoside)

CAS Number: [14259-47-3]

Lot Number: 1503555

Chemical Formula: $C_{28}H_{34}O_{14}$

Molecular Weight: 594.57

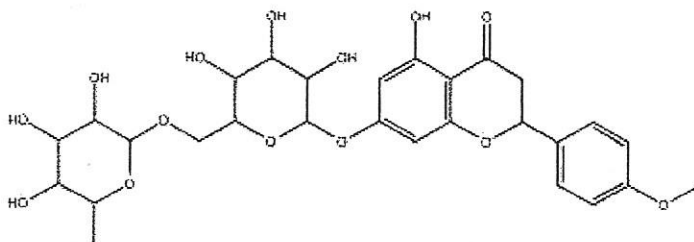
Appearance: Off-white powder

Botanical Source: Leaves of *Monarda didyma*

Loss on drying: 1.0%

Storage: Store in a cool, dry place.
Keep package airproofed when not in use.

Purity(HPLC, 282nm): 99.35%





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HPLC ANALYSIS

Catalog No.: 021166S

Product Name: Didymin

Lot No.: 1503555

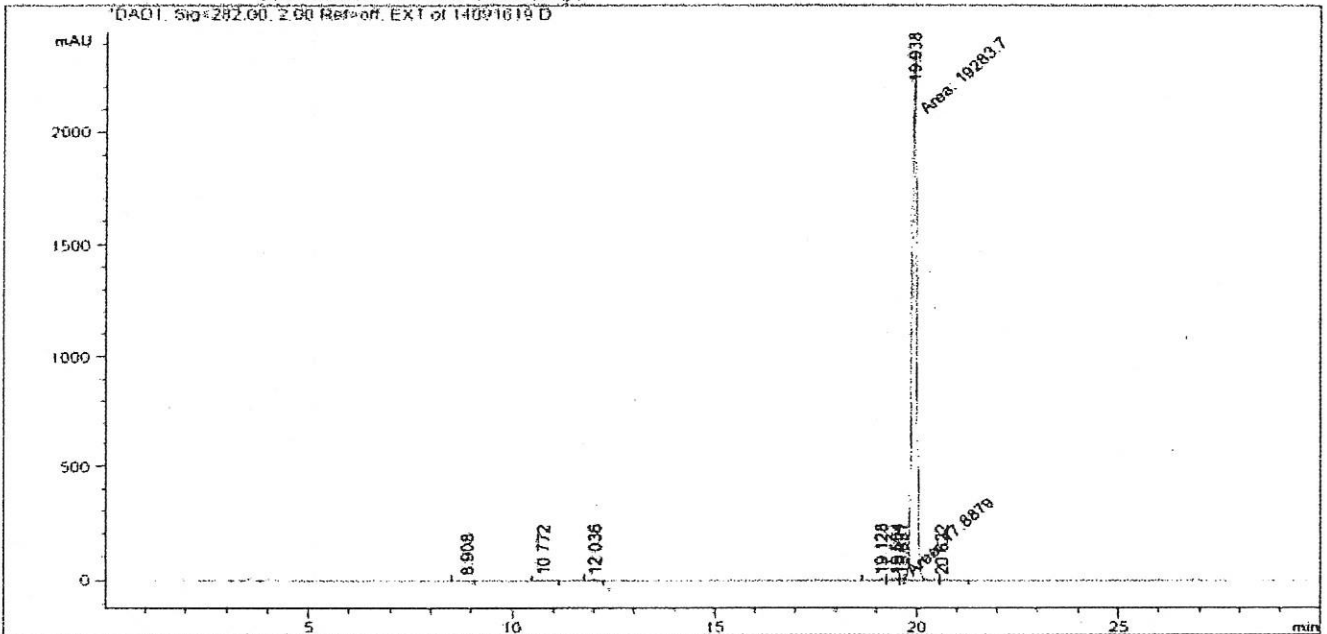
Acq. Instrument : Instrument 1
Injection Date : 9/16/2014 11:20:37 AM

Location : Vial 24

Inj Volume : 20 µl

Acq. Method : D:\YJH\METHOD\DIDYMIN.M
Last changed : 9/16/2014 11:14:55 AM by yzq
(modified after loading)

Analysis Method : D:\YJH\METHOD\DIDYMIN.M
Last changed : 9/16/2014 3:55:30 PM by yzq
(modified after loading)



Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1, Sig=282.00, 2.00 Ref=off, EXT
Signal has been modified after loading from rawdata file!

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	8.908	VV	0.2793	7.17462	3.27802e-1	0.0376
2	10.772	VV	0.1750	9.51202	7.75988e-1	0.0490
3	12.036	VV	0.1436	14.53483	1.51914	0.0749
4	19.128	VV	0.1352	31.97976	3.35414	0.1648
5	19.584	VV	0.1706	21.68692	1.72541	0.1117
6	19.631	MF	0.1203	17.89792	2.47730	0.0922
7	19.938	FM	0.1373	1.92837e4	2339.97583	94.3506
8	20.622	VV	0.3174	23.27174	9.06941e-1	0.1196

Totals : 1.94097e4 2351.05656