



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: 06-014

Product Name: **ESCULIN**
(6,7-Dihydroxycoumarin-6-glucoside)

Cas Number: [531-75-9]

Lot Number: 0406211

Chemical Formula: C₁₅H₁₆O₉

Molecular Weight: 340.29

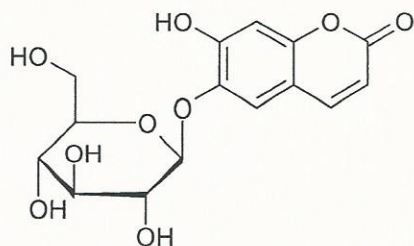
Appearance: White powder

Solubility: Soluble in DMF

TLC: Chloroform:Methanol (8:2) Single spot

Purity(HPLC): 99.09%

Storage: Store in a cool, dry place





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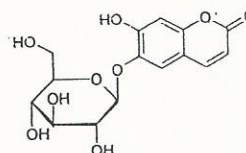
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HPLC ANALYSIS

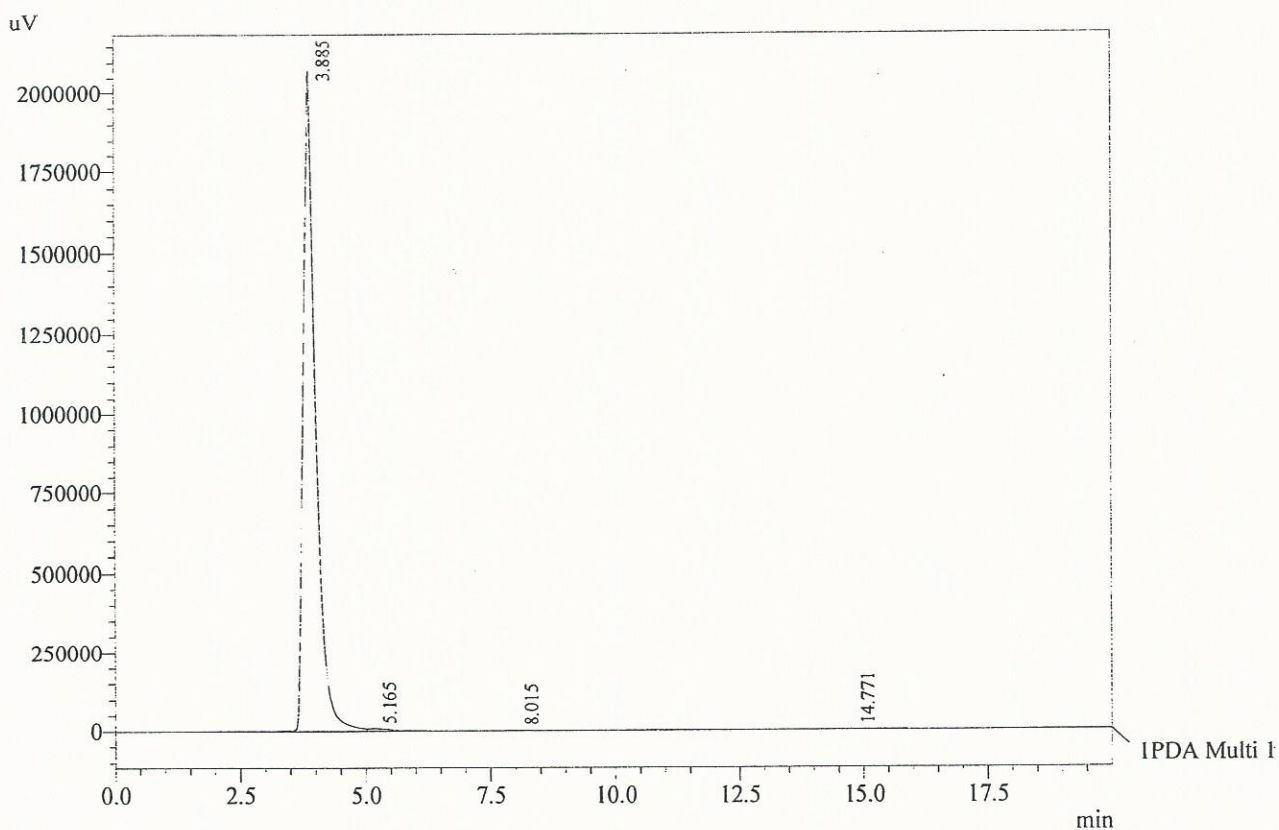
Acquired by : Ramana
Sample Name : Esculin
Sample ID : Indofine (Lot No.0406211)
Injection Volume : 20 uL
Data Filename : 191009G.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 06-014
Product Name: Esculin
Lot No.: 0406211

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 0.600mL/min.
Mobile Phase : A(50 %Water 0.05% TFA) : B(50 %ACN)



Chromatogram



1 PDA Multi 1 / 240nm 4nm

PeakTable
Ch1 240nm 4nm

| Peak# | Ret. Time | Area | Height | Area % |
|-------|-----------|----------|---------|---------|
| 1 | 3.885 | 34835324 | 2073467 | 99.092 |
| 2 | 5.165 | 247679 | 7334 | 0.705 |
| 3 | 8.015 | 26600 | 845 | 0.076 |
| 4 | 14.771 | 44955 | 708 | 0.128 |
| Total | | 35154559 | 2082353 | 100.000 |