



# 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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

Cat No.: B-101

Product: **BAICALEIN**  
(5,6,7-Trihydroxyflavone)

Cas Number: [491-67-8]

Lot Number: 1007056

Chemical Formula: C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>

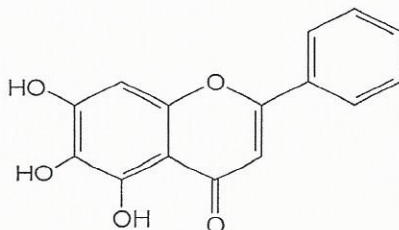
Molecular Weight: 270.24

Appearance: Light yellow powder

Solubility: Soluble in DMF

Storage: Cool, dark dry place

Purity (HPLC): 99.5%





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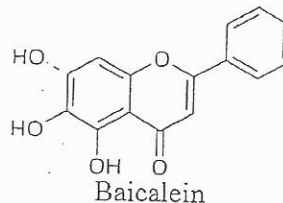
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

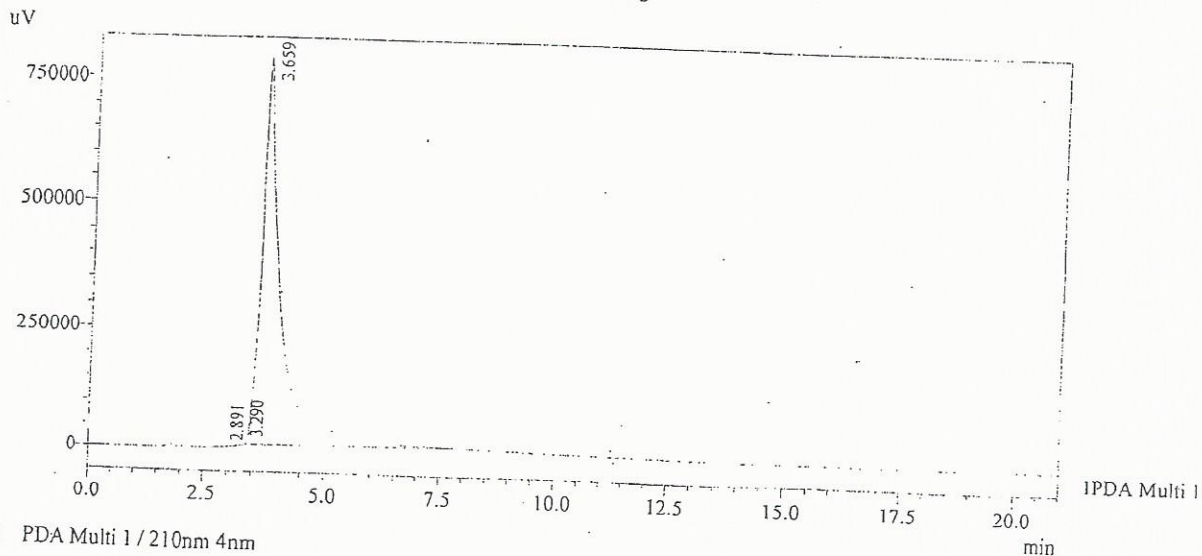
Acquired by : Madhuri  
Sample Name : BAICALEIN  
Sample ID : Indofine No : 1007056  
Injection Volume : 20 uL  
Data Filename : 100810B.lcd  
Method Filename : Linear Isocratic.M.lcm

Cat. No.: B-101  
Product: Baicalein  
Lot No.: 1007056

Description:  
Column : Inertsil C-18, 250X4.6mm 5.0µm  
Flow : 1.000mL/min.  
Mobile Phase : A(50% of 0.05% TFA) B( 50%ACN)



Chromatogram



PeakTable  
PDA Ch1 210nm 4nm

| Peak# | Ret. Time | Area     | Height | Area %  |
|-------|-----------|----------|--------|---------|
| 1     | 2.891     | 35374    | 5505   | 0.162   |
| 2     | 3.290     | 56093    | 9749   | 0.256   |
| 3     | 3.659     | 21807837 | 781413 | 99.582  |
| Total |           | 21899305 | 796666 | 100.000 |



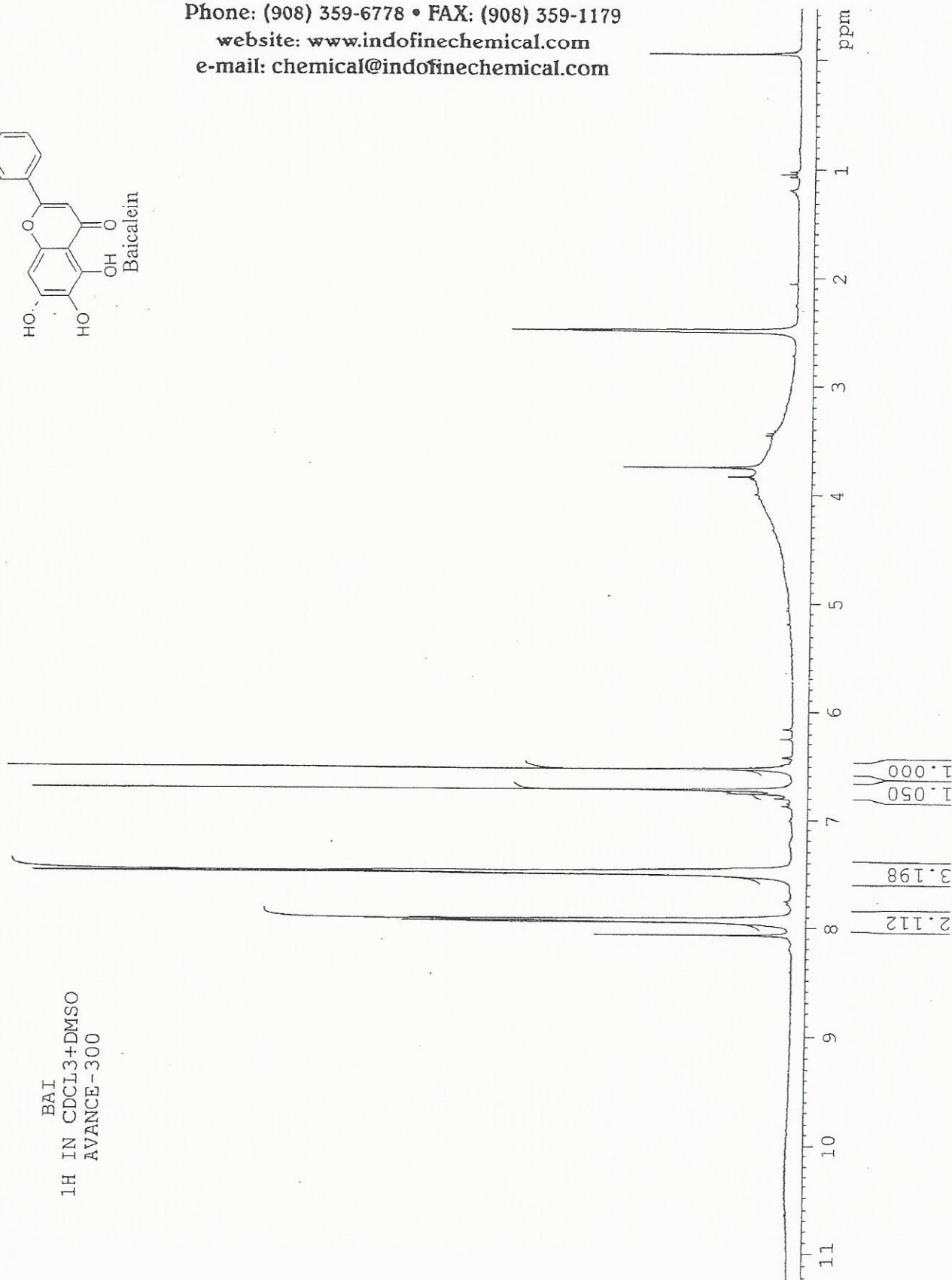
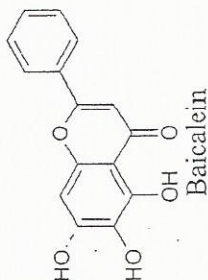
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Product: Baicalein  
Lot No.: 1007056

BAI  
1H IN CDCL3+DMSO  
AVANCE-300