



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: 024965

Product: **CAFFEIC ACID METHYL ESTER**

CAS Number: [3843-74-1]

Lot Number: 1310392

Chemical Formula: C₁₀H₁₀O₄

Molecular Weight: 194.19

Melting Point: 157-160°C

Appearance: Off white powder

Moisture: 0.4%

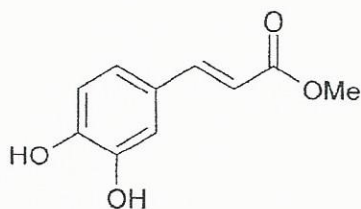
Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9:1)

NMR Spectrum: Enclosed (Confirms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.42%





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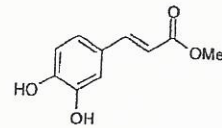
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HPLC ANALYSIS

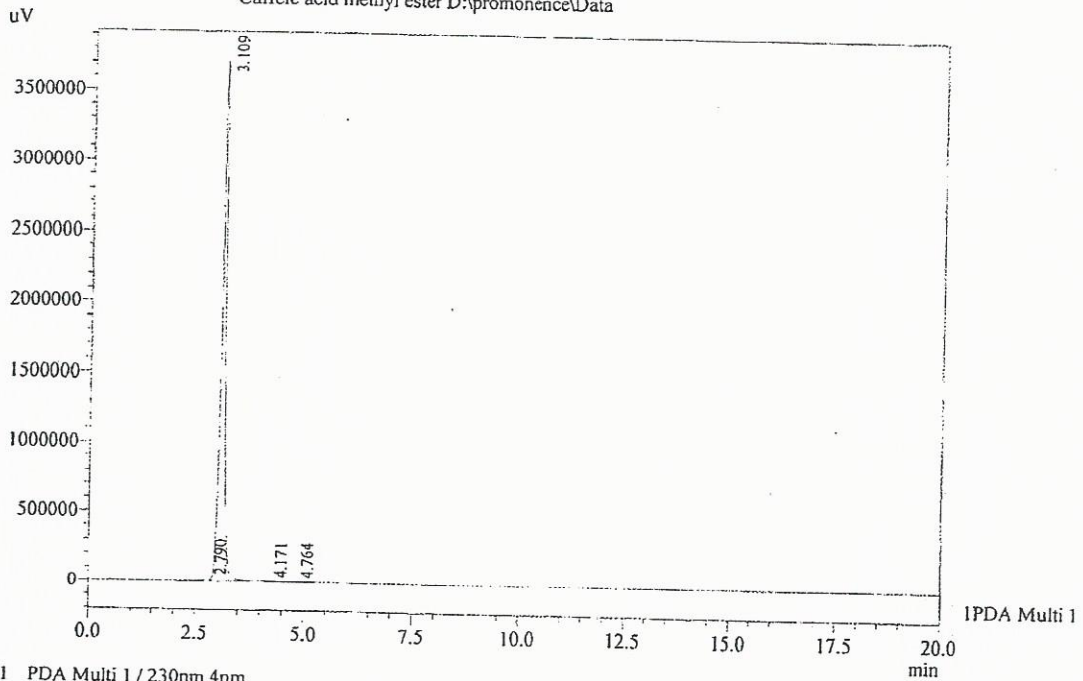
Acquired by : Sanjeev
Sample Name : Caffeic acid methyl ester
Sample ID : 475gms Lot
Injection Volume : 20 uL
Data Filename : 021013D.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 024965
Product Name: Caffeic acid methyl ester
Lot No.: 1310392



Column : LUNA C-18(2), (250mm x4.6mm 5.0µ)
Flow : 1.000 mL/min.
Mobile Phase : A(30% of Water) B(70% of Acetonitrile)

Chromatogram
Caffeic acid methyl ester D:\promonence\Data



1 PDA Multi 1 / 230nm 4nm

PeakTable

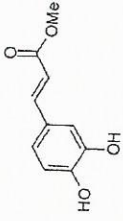
PDA Ch1 230nm 4nm

| Peak# | Name | Ret. Time | Area | Area % | Relative Retention Time |
|-------|---------------------------|-----------|----------|--------|-------------------------|
| 1 | RT:2.790 | 2.790 | 140540 | 0.53 | 0.90 |
| 2 | Caffeic acid methyl ester | 3.109 | 26595053 | 99.42 | 1.00 |
| 3 | RT:4.171 | 4.171 | 2853 | 0.01 | 1.34 |
| 4 | RT:4.764 | 4.764 | 11801 | 0.04 | 1.53 |
| Total | | | 26750247 | 100.00 | |

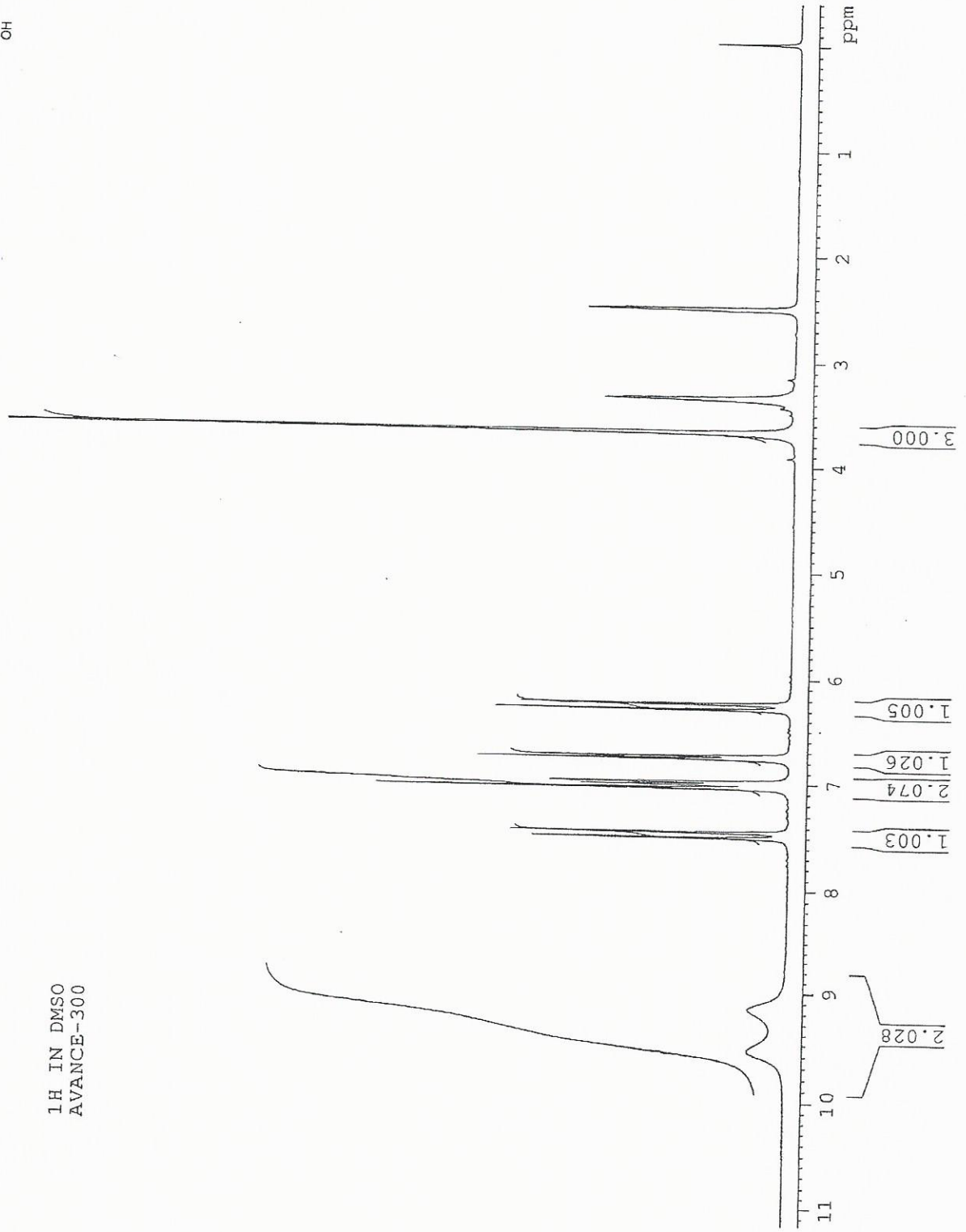


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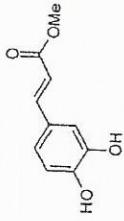
¹H IN DMSO
AVANCE-300





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