



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

Cat No.: 01-1354

Product: **3,5-DIMETHOXY-4-HYDROXYCINNAMIC ACID**
(Sinapinic acid)

Cas Number: [530-59-6]

Lot Number: 1106141

Chemical Formula: C₁₁H₁₂O₅

Molecular Weight: 224.21

Melting Point: 200-202°C

Solubility: DMSO

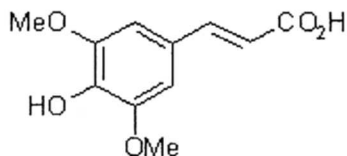
TLC: Chloroform:Methanol (9:1)

Appearance: Pale yellow powder

Storage: Cool dry place

Moisture (KF): 0.48%

Purity: 99.42%



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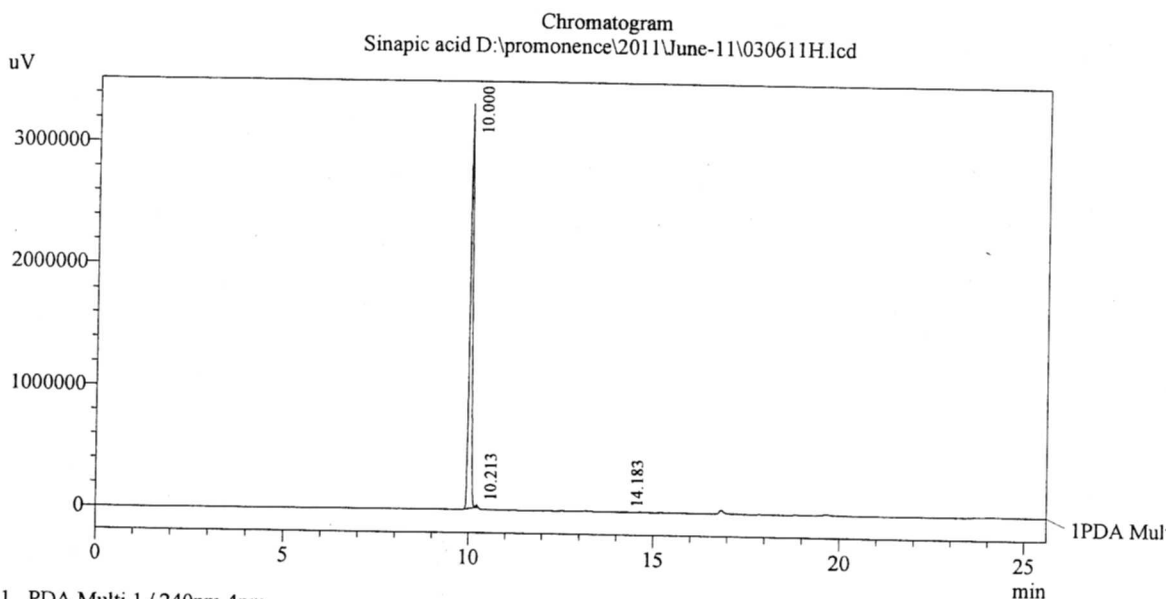
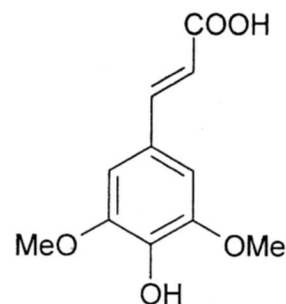
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HPLC ANALYSIS

Date Acquired : 6/3/2011 10:24 PM
Acquired by : Madhuri
Sample Name : Sinapic acid
Sample ID : 7.5Kg(At the time of Shipment)
Injection Volume : 20 uL
Data Filename : 030611H.lcd
Method Filename : Linear Gradient.M.lcm

Cat. No.: 01-1354
Product name: 3,5-Dimethoxy-4-hydroxycinnamic acid
Lot No.: 1106141

Description:
Column : Phenomenex C-18, 250X4.6mm 5.0µm
Flow : 1.000ML/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10



1 PDA Multi 1 / 240nm 4nm

PeakTable

PDA Ch1 240nm 4nm

| Peak# | Ret. Time | Area | Height | Area % |
|-------|-----------|----------|---------|---------|
| 1 | 10.000 | 15986857 | 3323164 | 99.425 |
| 2 | 10.213 | 67256 | 20707 | 0.418 |
| 3 | 14.183 | 25222 | 3515 | 0.157 |
| Total | | 16079335 | 3347385 | 100.000 |



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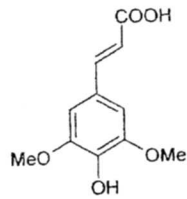
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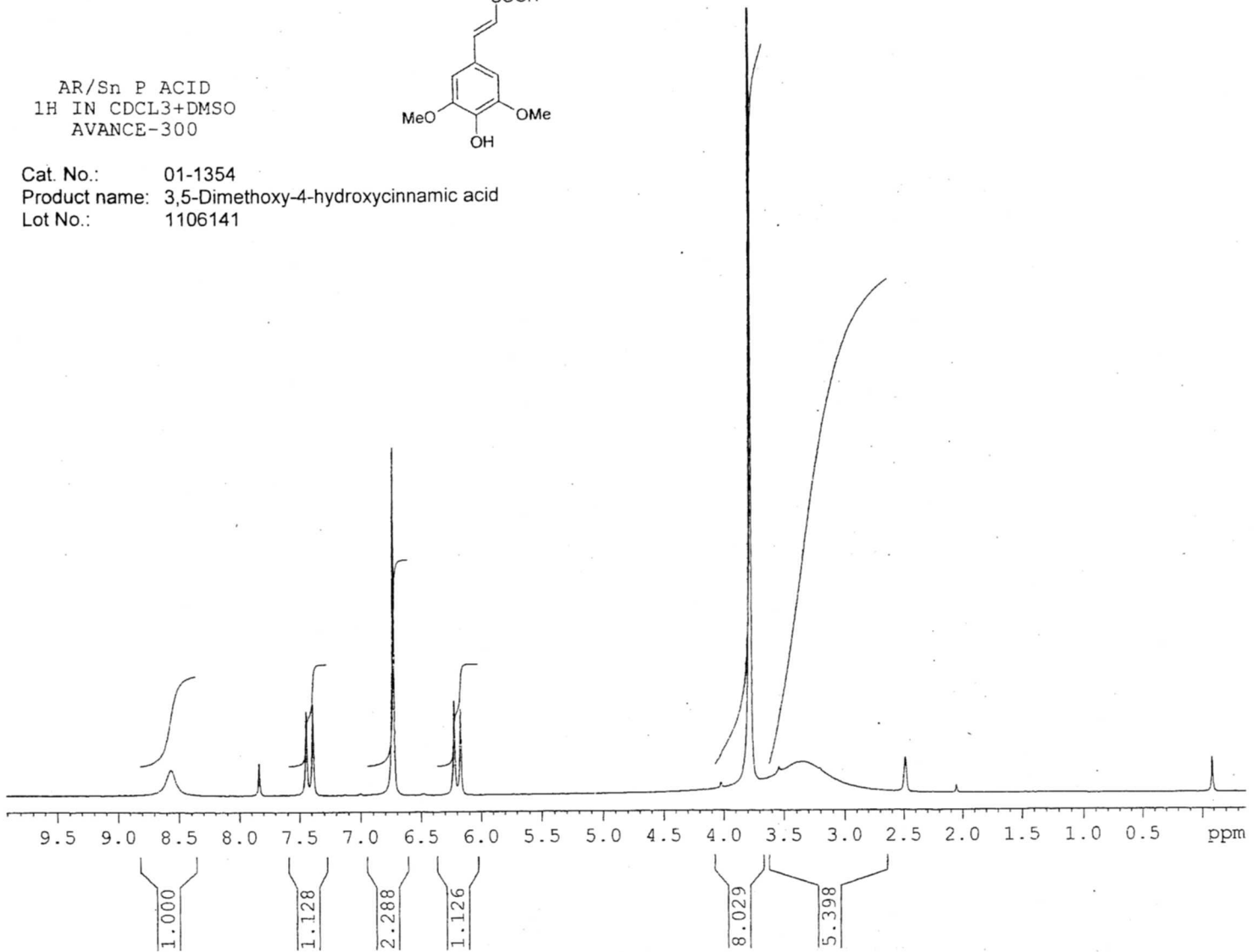
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AR/Sn P ACID
1H IN CDCL3+DMSO
AVANCE-300



Cat. No.: 01-1354
Product name: 3,5-Dimethoxy-4-hydroxycinnamic acid
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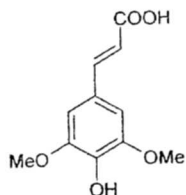
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