



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: 01-864

Product Name: **SYRINGALDEHYDE**
(3,5-Dimethoxy-4-Hydroxy benzaldehyde)

CAS Number: [134-96-3]

Lot Number: 97067

Chemical Formula: C₉H₁₀O₄

Molecular Weight: 182.18

Melting Point: 107-109°C

Appearance: Tan crystal powder

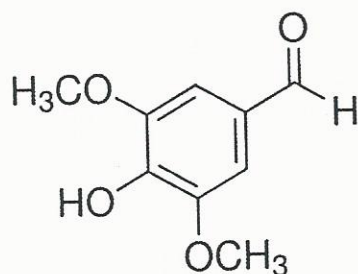
Solubility: Soluble in chloroform

TLC: Hexane:Ethyl acetate (7:3)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.50%





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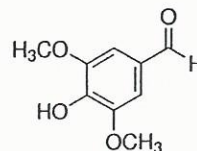
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HPLC ANALYSIS

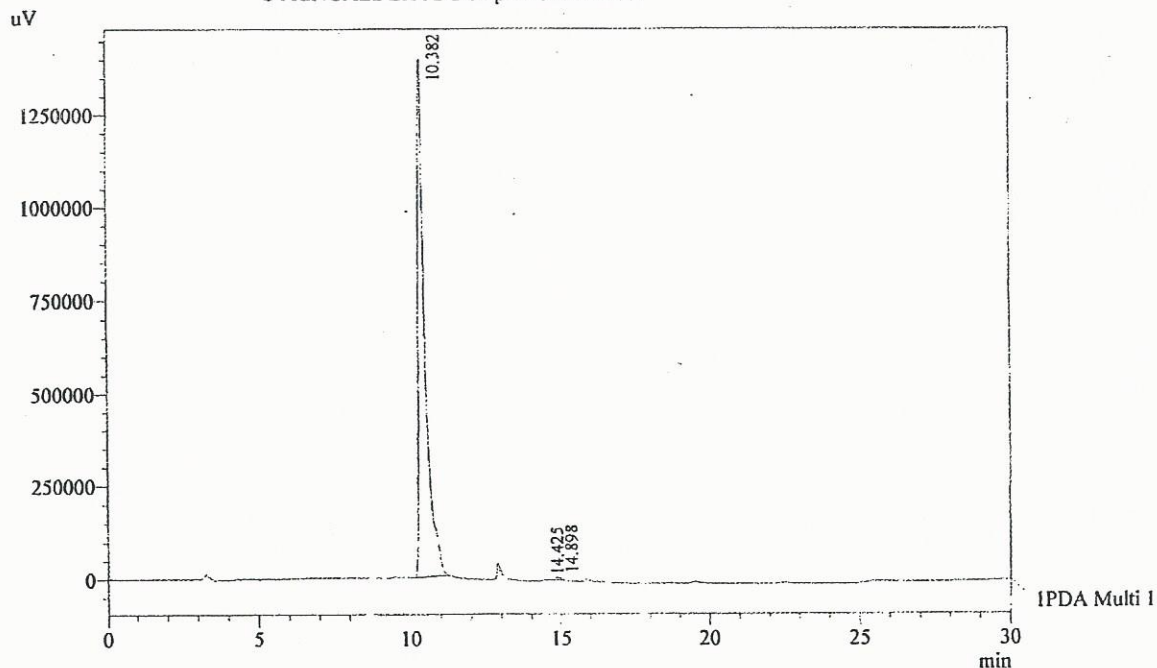
Acquired by : Admin
 Sample Name : SYRINGALDEHYDE
 Sample ID : 097067
 Injection Volume : 20 uL
 Data Filename : 040315D.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog No.: 01-864
 Product Name: Syringaldehyde
 Lot No.: 97067



Column : LUNA C-18, (250mm x4.6mm 5.0µ)
 Flow : 1.000 mL/min.
 Mobile Phase : A(0.05% TFA in Water) B(Acetonitrile)
 0.01 90 10
 12.0 10 90
 20.0 10 90
 23.0 90 10
 30.0 90 10
 Diluent : Acetonitrile

Chromatogram
 SYRINGALDEHYDE D:\promonence\Data



1 IPDA Multi 1 / 230nm 4nm

PeakTable

PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	SYRINGALDEHYDE	10.382	21087903	99.50	1.00
2	RT:14.425	14.425	17475	0.08	1.39
3	RT:14.898	14.898	87741	0.41	1.43
Total			21193119	100.00	



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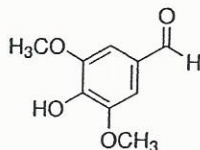
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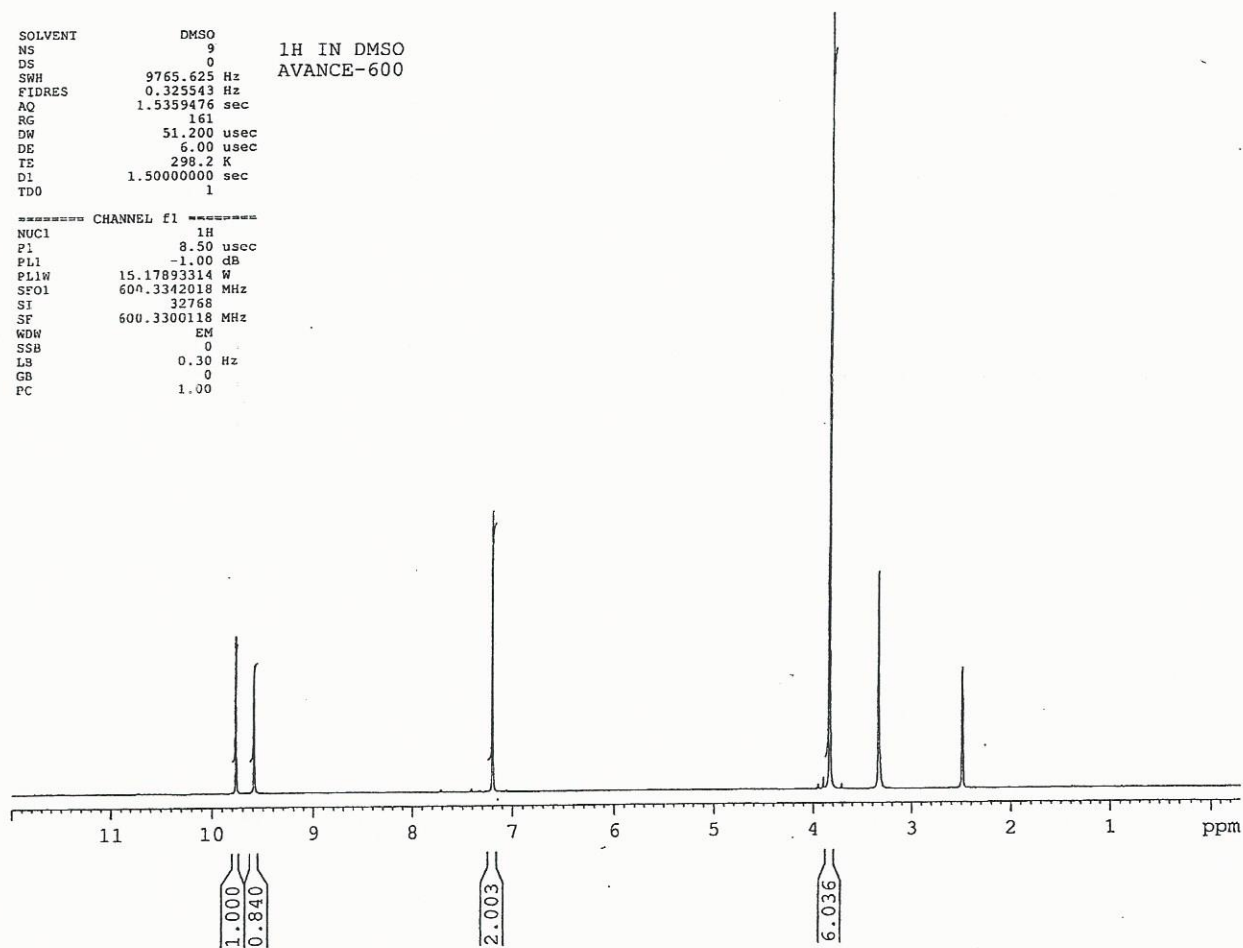
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Catalog No.: 01-864
Product Name: Syringaldehyde
Lot No.: 97067



SOLVENT DMSO
NS 9 1H IN DMSO
DS 0 AVANCE-600
SWH 9765.625 Hz
FIDRES 0.325543 Hz
AQ 1.5359476 sec
RG 161
DW 51.200 usec
DE 6.00 usec
TE 298.2 K
D1 1.5000000 sec
TD0 1

----- CHANNEL f1 -----
NUC1 1H
P1 8.50 usec
PL1 -1.00 dB
PL1W 15.17893314 W
SFO1 600.3342018 MHz
SI 32768
SF 600.3300118 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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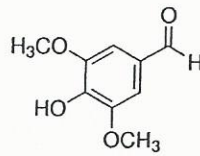
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1H IN DMSO
AVANCE-600

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SF 600.3300118 MHz
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GB 0
PC 1.00

