



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.: 01-864

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

CAS Number: [134-96-3]

Lot Number: 1105132

Chemical Formula: C₉H₁₀O₄

Molecular Weight: 182.18

Melting Point: 110-112°C

Appearance: Tan crystalline powder

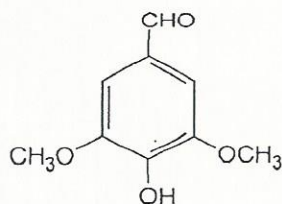
TLC: Hexane:Ethyl acetate (7:3)

Solubility: Soluble in chloroform

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity(HPLC): 99.60%





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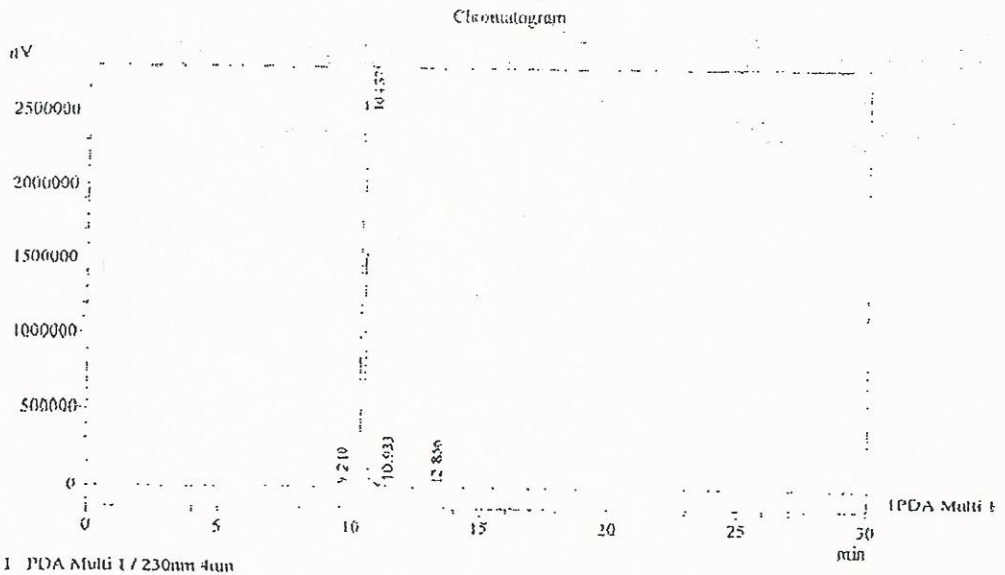
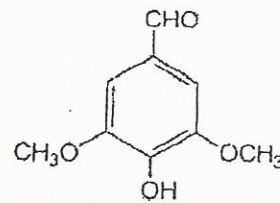
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HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : Syringaldehyde
 Sample ID : Lot No:-1105132
 Injection Volume : 20 uL
 Data Filename : 010612C1.ed
 Method Filename : Linear Gradient.M11.ed

Catalog no.: 01-864
 Product name: Syringaldehyde
 Lot No.: 1105132

Column : LUNA C-18(2), (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



Peak Table

Peak#	Name	Ret. Time	Area	Area%	Relative Retention Time
1	RT: 9.210	9.210	10054	0.04	0.88
2	Syringaldehyde	10.437	27093050	99.60	1.00
3	RT: 10.933	10.933	77862	0.29	1.05
4	RT: 12.856	12.856	19807	0.07	1.23
Total			27200775	100.00	



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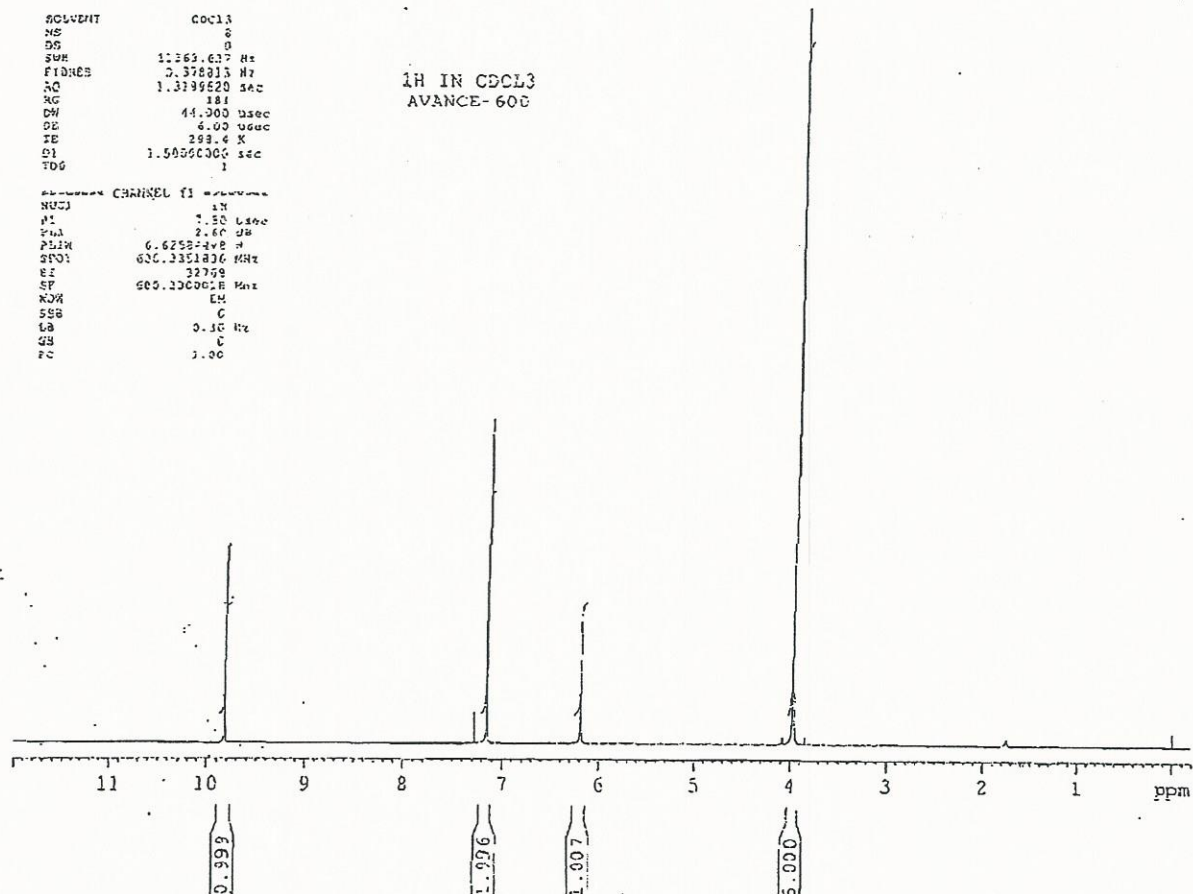
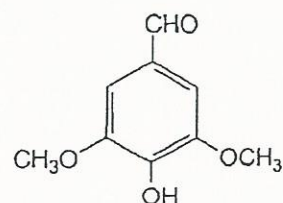
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Catalog no.: 01-864
Product name: Syringaldehyde
Lot No.: 1105132





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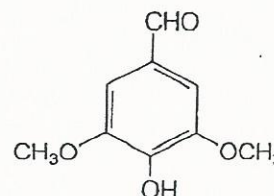
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SOLVENT CDCl3
NS 5
DS 0
SWH 11363.637 Hz
FIDRMS 0.376813 Hz
AQ 1.3195620 sec
RG 181
PW 44.000 usec
RF 2.00 usec
TC 298.4 K
D1 1.5000000 sec
TD0 1

1H IN CDCl3
AVANCE-600

CHANNEL F1
NUC1 1H
P1 7.50 usec
PL1 2.50 dB
PLLN 6.62564448 W
RFQ1 500.330015 MHz
SI 22762
SF 500.330015 MHz
WDW EM
SSB 0
LB 0.50 Hz
GB 0
PC 1.00

