



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^oC

Appearance: Tan crystalline powder

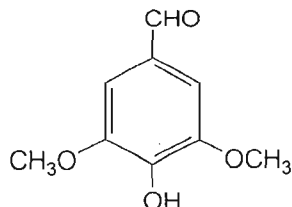
TLC: Hexane:Ethyl acetate (7:3)

Solubility: Soluble in chloroform

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity(HPLC) : 99.60%





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

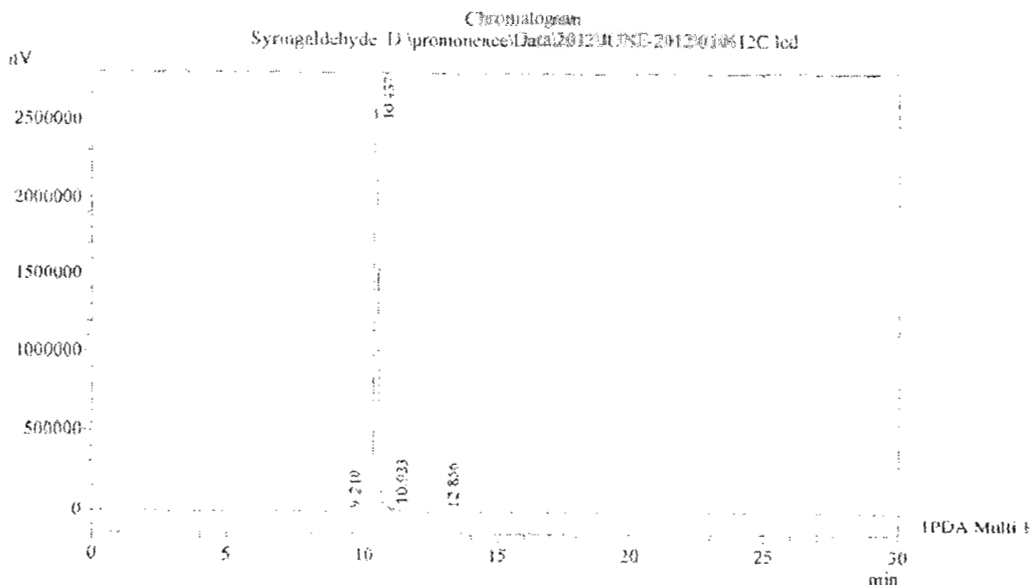
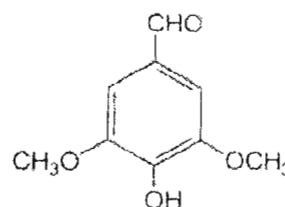
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

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

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

Column : LUNA C18(2), (250mm x 4.6mm 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



1 PDA Multi 1 / 230nm 4µm

PDA Ch1 230nm 4µm

PeakTable

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	

ICC INDOFINE Chemical Company, Inc.

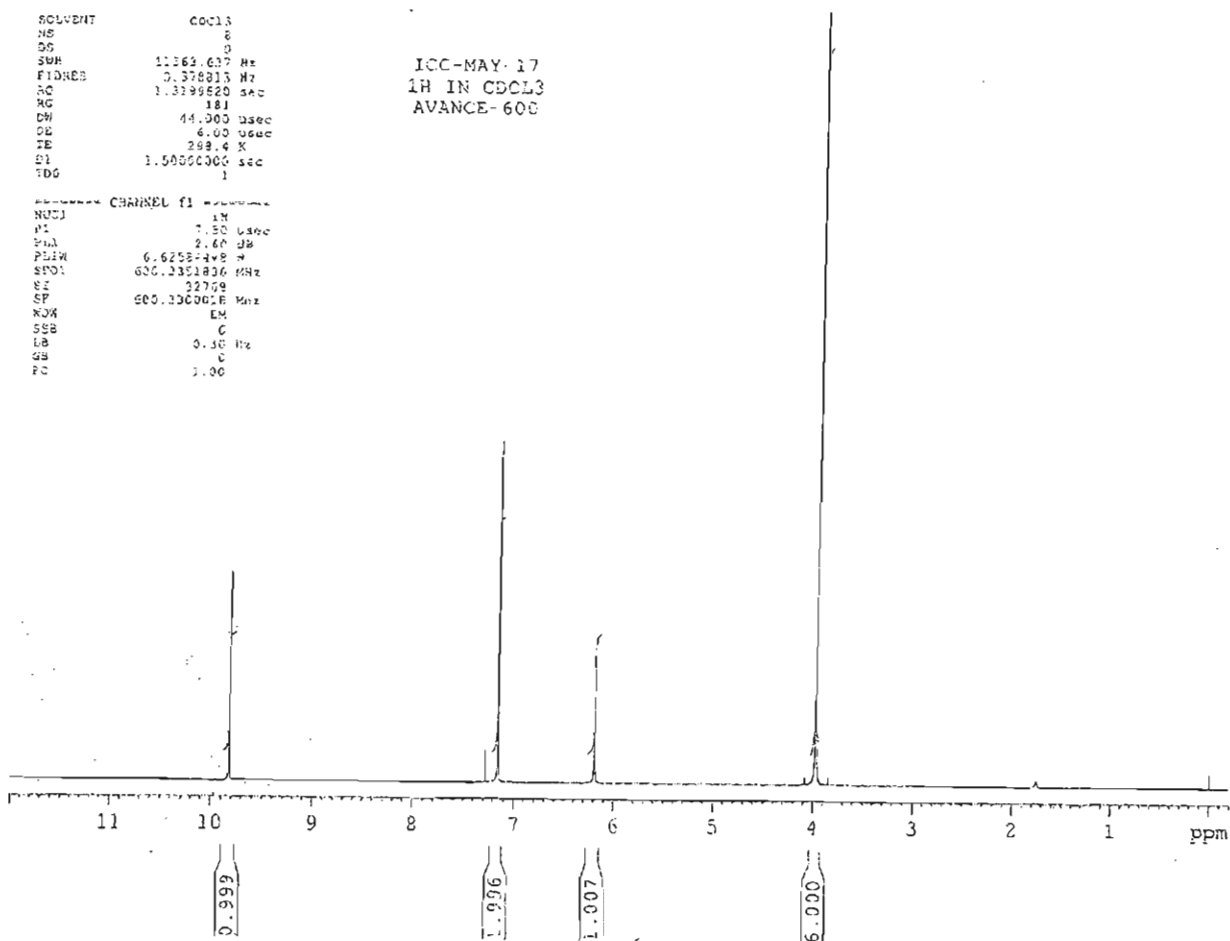
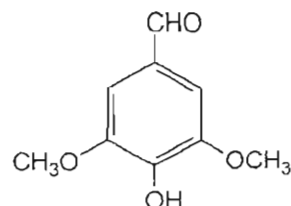
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

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





INDOFINE Chemical Company, Inc.

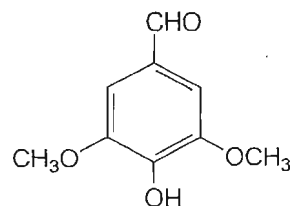
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

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



SOLVENT CDCl3
NS S
DS 0
SWH 11363.637 Hz
FIDRES 0.378815 Hz
AQ 1.3195620 sec
RG 181
CW 44.000 usec
DE 6.00 usec
TE 298.4 K
D1 1.5000000 sec
TDC 1

ICC-MAY-17
1H IN CDCl3
AVANCE-600

----- CHANNEL f1 -----
NUC1 1H
P1 7.50 usec
PL1 3.60 dB
PL1W 6.62564448 W
SFO1 600.3300018 MHz
S1 32768
SF 600.3300018 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

