



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: E-004

Product Name: **4-ETHYLRESORCINOL**

CAS Number: [2896-60-8]

Lot Number: 94030

Chemical Formula: C₈H₁₀O₂

Molecular Weight: 138.17

Melting Point: 96-99°C

Appearance: Off-white powder

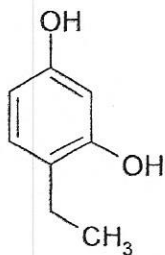
Solubility: Soluble in Chloroform

TLC: Chloroform:Methanol (9:1)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store 0-8°C

Purity(HPLC): 98.93%





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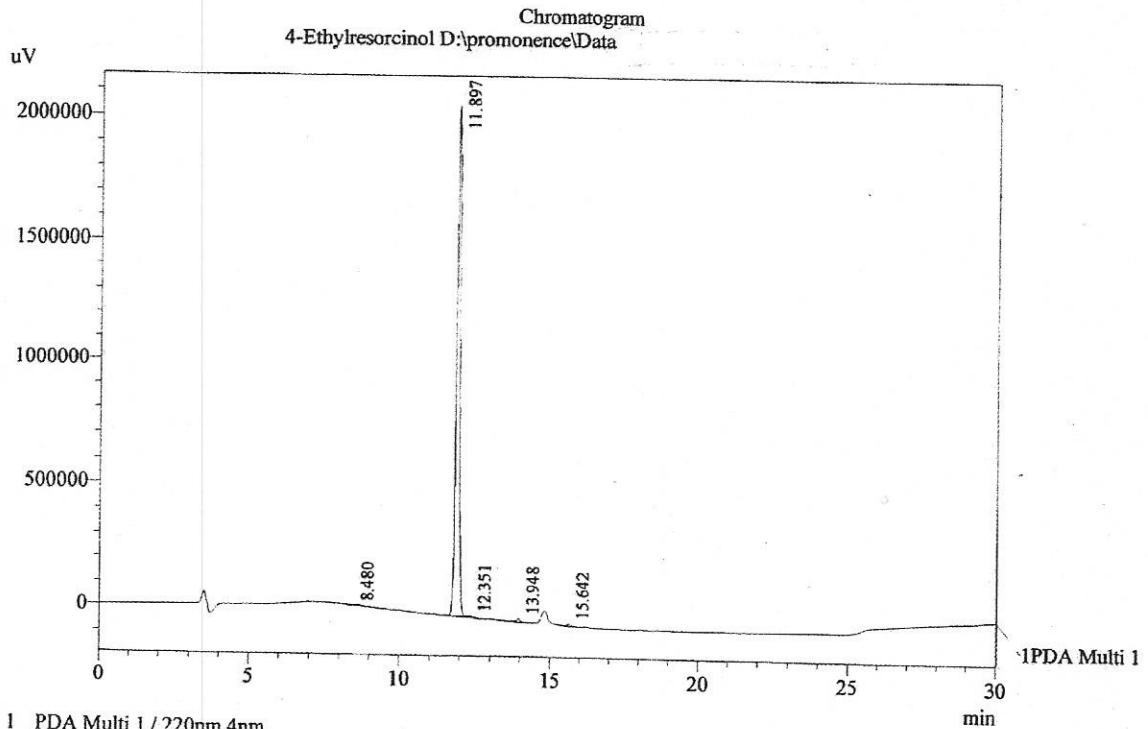
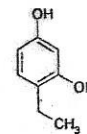
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 4-Ethylresorcinol
 Sample ID : Lot No: 94030
 Injection Volume : 20 uL
 Data Filename : 021214P.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog No.: E-004
 Product Name: 4-Ethylresorcinol
 Lot No.: 94030

Column : Gemini C18 (250mm x4.6mm 5.0µ)
 Flow : 1.000 mL/min.
 Mobile Phase : A(0.05% of 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



PDA Ch1 220nm 4nm

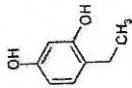
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:8.480	8.480	25458	0.14	0.71
2	4-Ethylresorcinol	11.897	17551721	98.93	1.00
3	RT:12.351	12.351	19533	0.11	1.04
4	RT:13.948	13.948	91043	0.51	1.17
5	RT:15.642	15.642	53893	0.30	1.31
Total			17741648	100.00	



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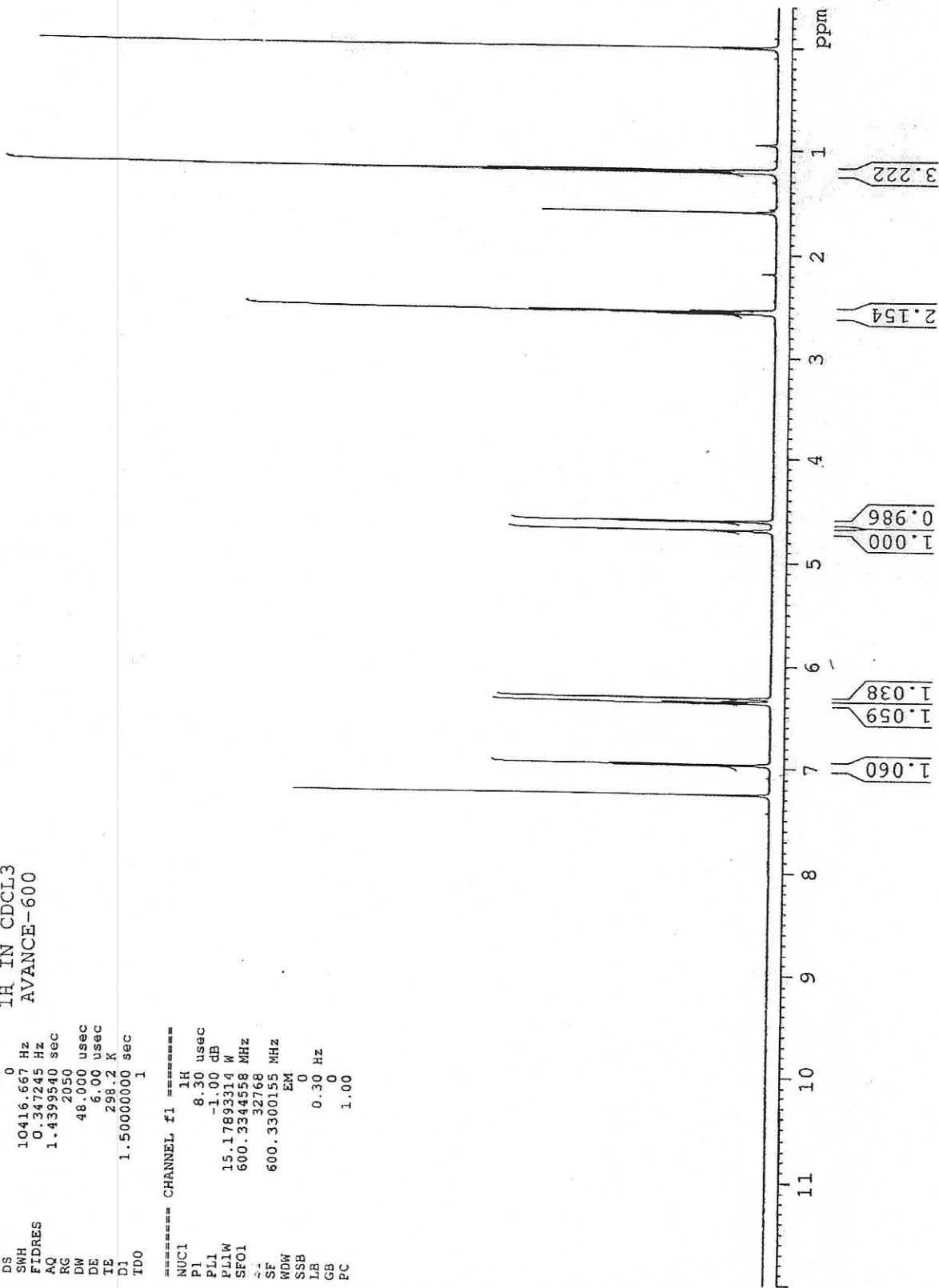
Catalog No.: E-004
 Product Name: 4-Ethylresorcinol
 Lot No.: 94030



SOLVENT CDCL3
 NS 19
 DS 0
 SWH 10416.567 Hz
 FIDRES 0.347245 Hz
 AQ 1.4399540 sec
 RG 2050
 DW 48.000 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.5000000 sec
 TDO 1

1H IN CDCL3
 AVANCE-600

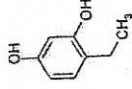
===== CHANNEL f1 =====
 NUC1 1H
 P1 8.30 usec
 PL1 -1.00 dB
 PL1W 15.17893314 W
 SFOL 600.3344558 MHz
 SF 32768
 SF 600.3300155 MHz
 EM
 WDW 0
 SSB 0.30 Hz
 LB 0
 GB 0
 PC 1.00





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Catalog No.: E-004
 Product Name: 4-Ethylresorcinol
 Lot No.: 94030



SOLVENT CDCL3
 NS 19
 DS 0
 SWH 10416.667 Hz
 FIDRES 0.347245 Hz
 AQ 1.4399640 sec
 RG 2050
 DW 48.000 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.50000000 sec
 TDO 1

1H IN CDCL3
 AVANCE-600

----- CHANNEL f1 -----
 NUC1 1H
 P1 8.30 usec
 PL1 -1.00 dB
 PL1W 15.17893314 W
 SF01 600.3344558 MHz
 SI 32768
 SF 600.3300155 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

