



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: 01-1157

Product Name: **METHYL 4-METHOXYBENZOATE**
(Methyl p-anisate)

CAS Number: [121-98-2]

Lot Number: 000482

Chemical Formula: C₉H₁₀O₃

Molecular Weight: 166.18

Melting Point: 49-50°C

Appearance: White shining powder

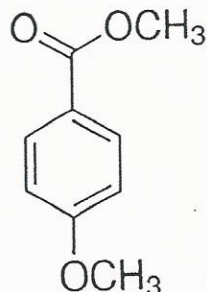
Solubility: Soluble in chloroform

TLC: n-Hexane:Ethyl acetate (7:3)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.94%





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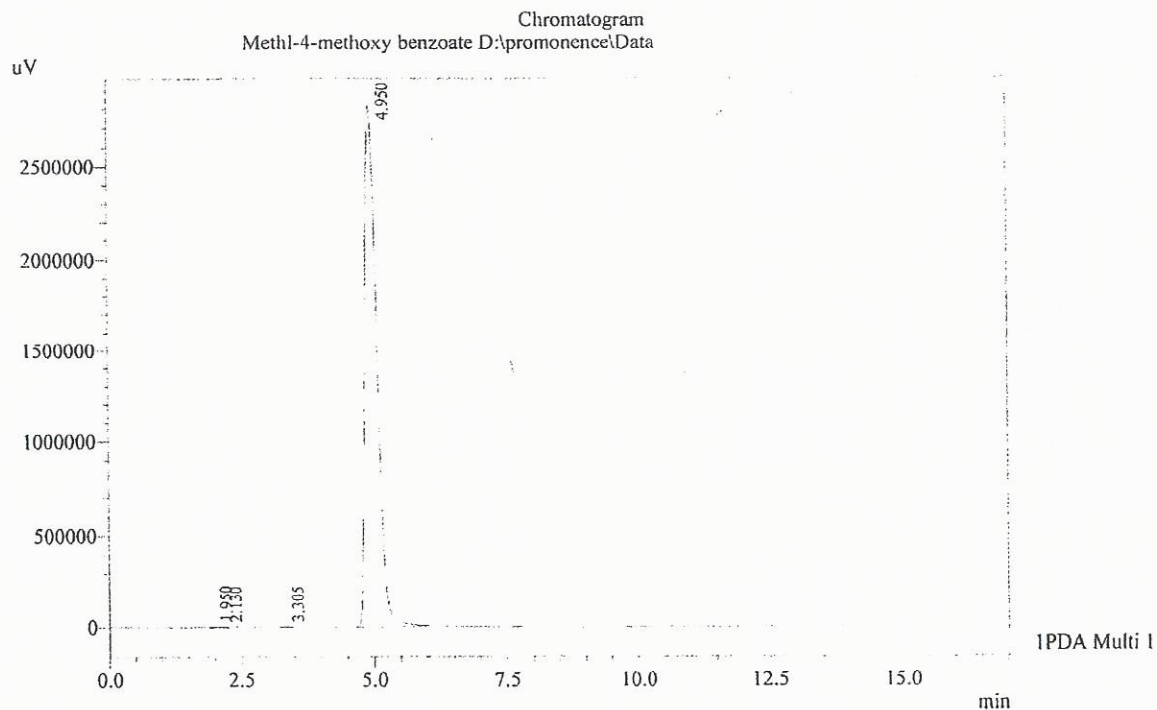
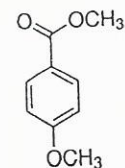
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Admin
 Sample Name : Methyl-4-methoxy benzoate
 Sample ID : Lot No: 000482
 Injection Volume : 20 uL
 Data Filename : 051015G.lcd
 Method Filename : Linear Isocratic.M.lcm

Catalog No.: 01-1157
 Product Name: Methyl 4-methoxybenzoate
 Lot No.: 000482

Column : Gemini C-18(2), (250mm x4.6mm 5.0μ)
 Flow : 1.000 mL/min.
 Mobile Phase : A(30% of 0.05% TFA in water) B(70% of Acetonitrile)



1 PDA Multi 1 / 240nm 4nm

PeakTable

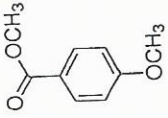
PDA Ch1 240nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:1.950	1.950	11104	0.03	0.39
2	RT:2.130	2.130	11155	0.03	0.43
3	RT:3.305	3.305	4504	0.01	0.67
4	Methyl-4-methoxybenzoate	4.950	43983217	99.94	1.00
Total			44009979	100.00	



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 BLDG. 90, SUITE 1
 HILLSBOROUGH, NJ 08844

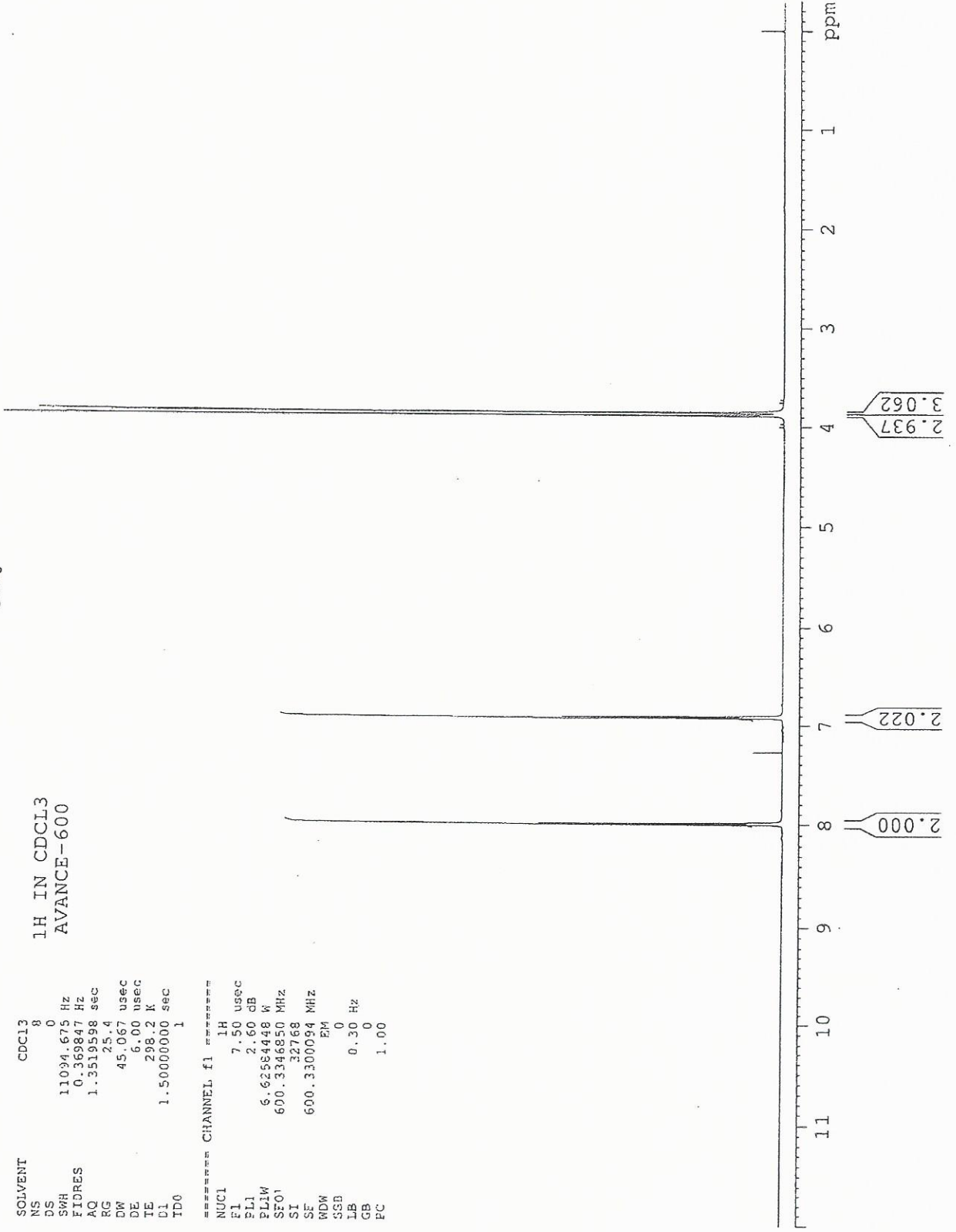
Catalog No.: 01-1157
 Product Name: Methyl 4-methoxybenzoate
 Lot No.: 000482



1H IN CDCL3
 AVANCE-600

SOLVENT CDCL3
 NS 8
 DS 0
 SWH 11094.675 Hz
 FIDRES 0.369847 Hz
 AQ 1.3519598 sec
 RG 25.4
 DW 45.067 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.5000000 sec
 TD0 1

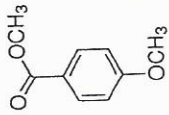
***** CHANNEL f1 *****
 NUC1 1H
 F1 7.50 usec
 FL1 2.60 dB
 FL1W 6.62554448 W
 SFO1 600.3346850 MHz
 ST 32768
 SE 600.3300094 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 EC 1.00





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SOLVENT CDCL3
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***** CHANNEL f1 *****
 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584448 W
 SF01 600.3346850 MHz
 SI 32768
 SF 600.3300094 MHz
 EM 0
 SSB 0
 LB 0.30 Hz
 GB 0
 FC 1.00

1H IN CDCL3
 AVANCE-600

