



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: 06-069

Product Name: **METHYL-4-METHOXYCINNAMATE**

CAS Number: [832-01-9]

Lot Number: 0807042

Chemical Formula: C₁₁H₁₂O₃

Molecular Weight: 192.21

Melting Point: 81-83°C

Appearance: Off-white crystalline powder

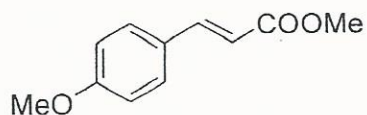
Solubility: Soluble in Chloroform

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

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.18%





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

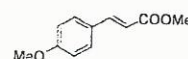
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

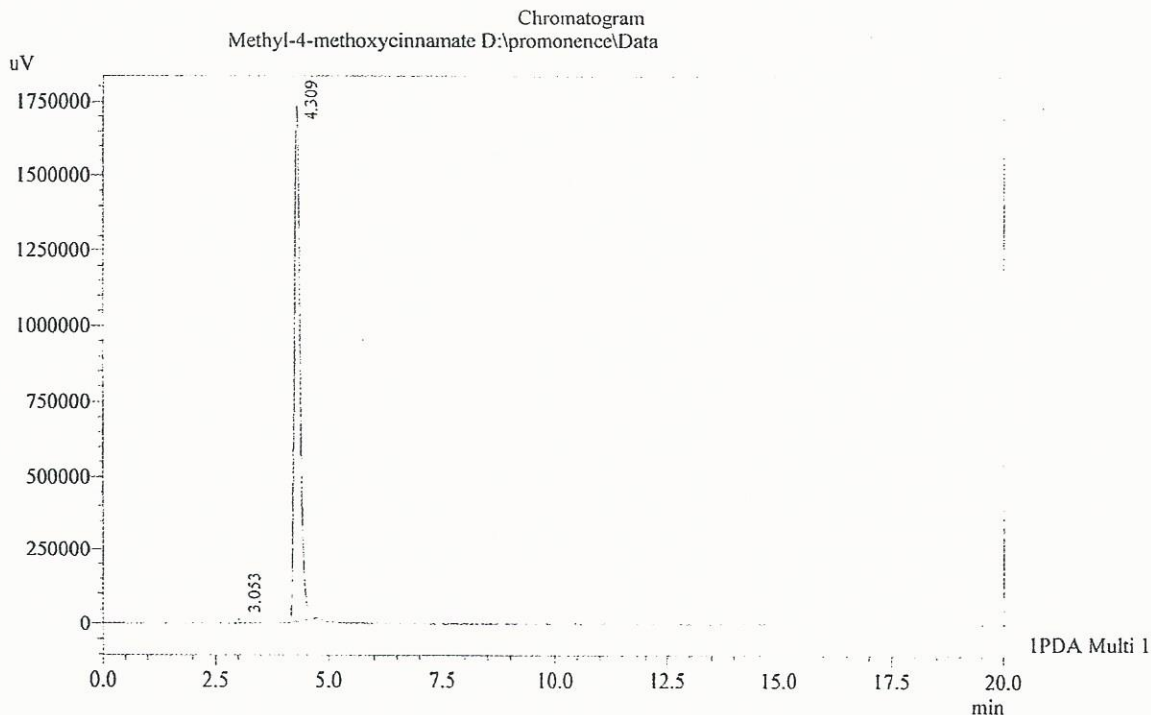
HPLC ANALYSIS

Acquired by : Admin
Sample Name : Methyl-4-methoxycinnamate
Sample ID : Lot no:0807042
Injection Volume : 20 uL
Data Filename : 170615D.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 06-069
Product Name: Methyl-4-methoxycinnamate
Lot No.: 0807042



Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(20% of 0.05% TFA in water) B(80% of Acetonitrile)



1 IPDA Multi 1 / 230nm 4nm

PeakTable

PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:3.053	3.053	127975	0.82	0.71
2	Methyl-4-methoxycinnamat	4.309	15405521	99.18	1.00
Total			15533496	100.00	



INDOFINE Chemical Company, Inc.

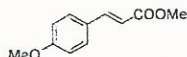
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

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

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

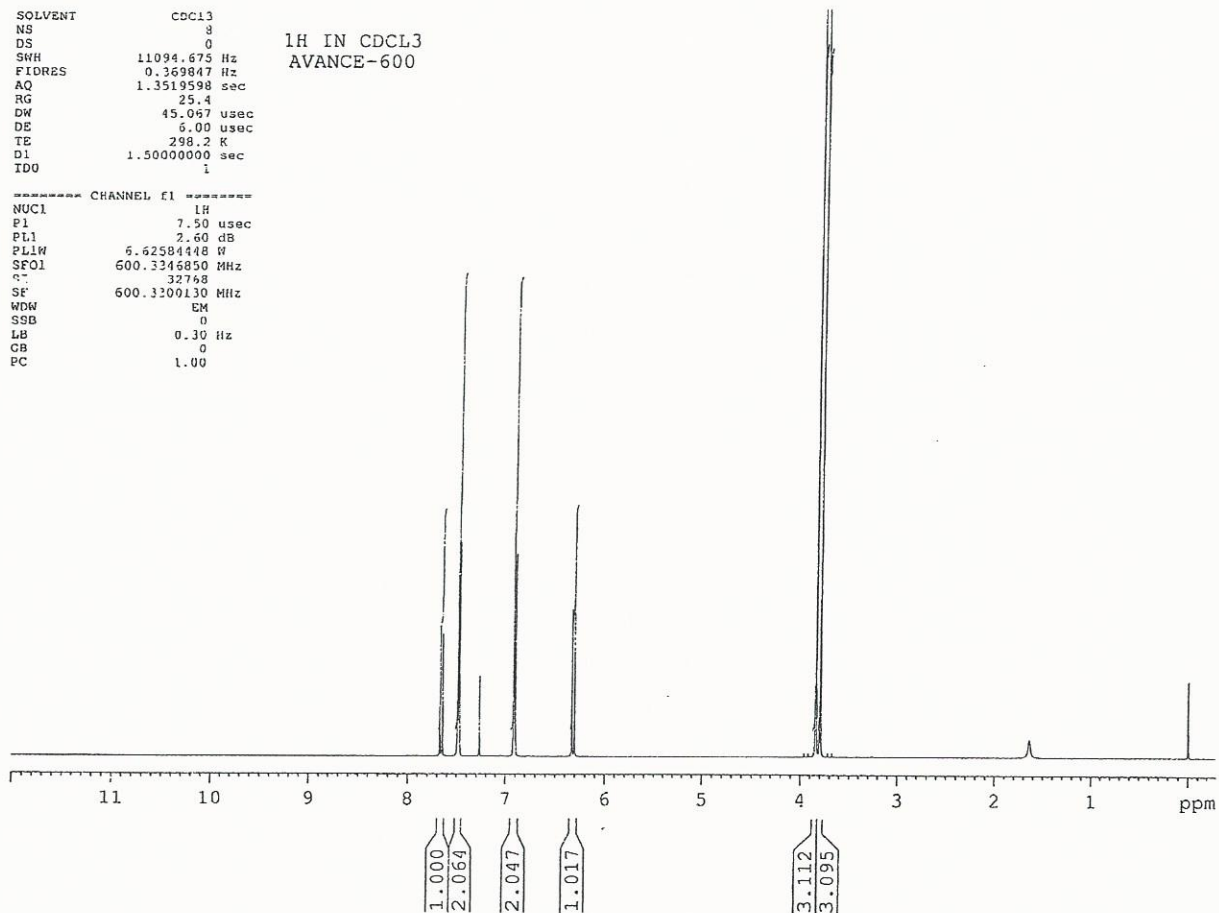
Catalog No.: 06-069
Product Name: Methyl-4-methoxycinnamate
Lot No.: 0807042



SOLVENT CDCL3
NS 3
DS 0
SNH 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
ID0 1

1H IN CDCL3
AVANCE-600

----- CHANNEL f1 -----
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 5.62594448 W
SF01 600.3346850 MHz
C 32768
SF 600.3300130 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





INDOFINE Chemical Company, Inc.

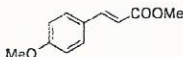
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

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

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Catalog No.: 06-069
Product Name: Methyl-4-methoxycinnamate
Lot No.: 0807042



SOLVENT CDCL3
NS 8
DS 0
SWH 11094.675 Hz
FIDRES 0.369847 Hz
AQ 1.3519598 sec
RG 25.4
DM 45.067 usec
DE 6.00 usec
TE 298.2 K
D1 1.5000000 sec
ID0 1

1H IN CDCL3
AVANCE-600

===== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584442 W
SF01 600.3346850 MHz
SI 32768
SF 600.3300130 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

