



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.: 22-411

Product: 2',4',5'-TRIMETHOXYACETOPHENONE

CAS Number: [1818-28-6]

Lot Number: 1212286

Chemical Formula: C₁₁H₁₄O₄

Molecular Weight: 210.23

Melting Point: 98-99°C

Appearance: White fluffy powder

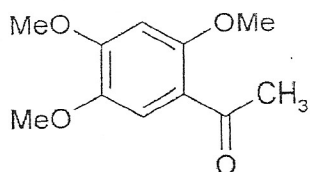
Solubility: Soluble in chloroform

TLC: Chloroform : Methanol (9:1)

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity (HPLC): 99.16%





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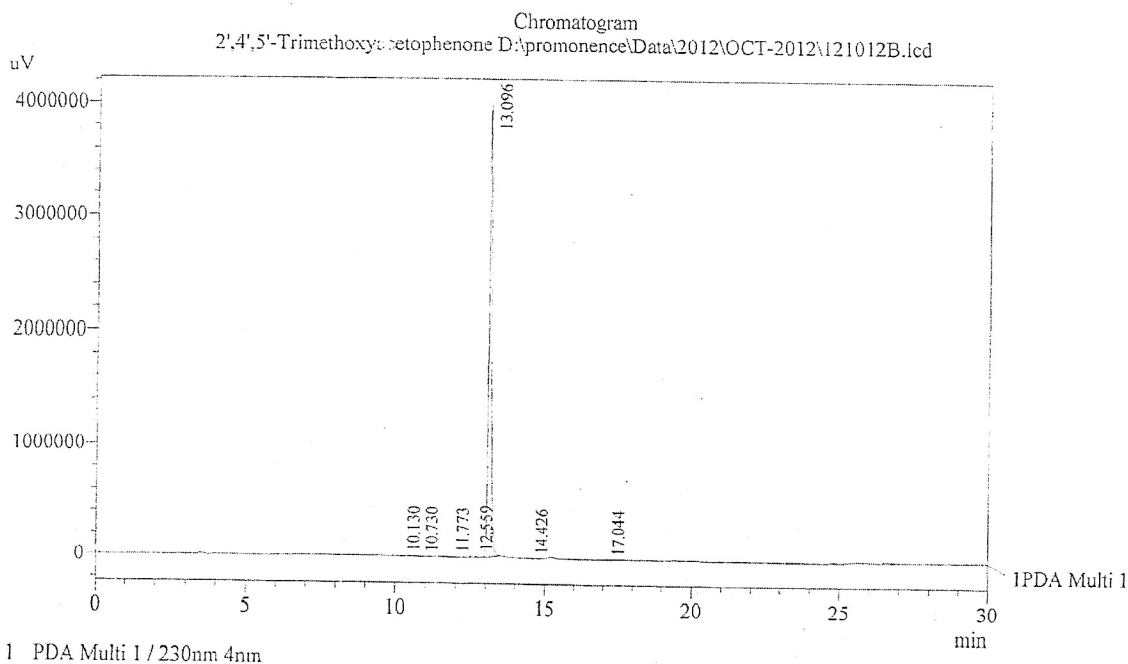
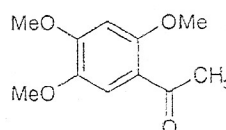
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 2',4',5'-Trimethoxyacetophenone
Sample ID : 500gm Lot
Injection Volume : 20 uL
Data Filename : 121012B.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: 22-411
Product name: 2',4',5'-Trimethoxy acetophenone
Lot No.: 1212286

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



1 PDA Multi 1 / 230nm 4nm

PeakTable

PDA Ch1 230nm 4nm

| Peak# | Name | Ret. Time | Area | Area % | Relative Retention Time |
|-------|---------------------------------|-----------|----------|--------|-------------------------|
| 1 | RT:10.130 | 10.130 | 13491 | 0.05 | 0.77 |
| 2 | RT:10.730 | 10.730 | 6973 | 0.03 | 0.82 |
| 3 | RT:11.773 | 11.773 | 23686 | 0.09 | 0.90 |
| 4 | RT:12.559 | 12.559 | 163075 | 0.63 | 0.96 |
| 5 | 2',4',5'-Trimethoxyacetophenone | 13.096 | 25847477 | 99.16 | 1.00 |
| 6 | RT:14.426 | 14.426 | 2983 | 0.01 | 1.10 |
| 7 | RT:17.044 | 17.044 | 9012 | 0.03 | 1.30 |
| Total | | | 26066698 | 100.00 | |



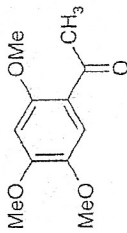
INDOFINE Chemical Company, Inc.

121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: 22-411

Product name: 2,4',5'-Trimethoxy acetophenone

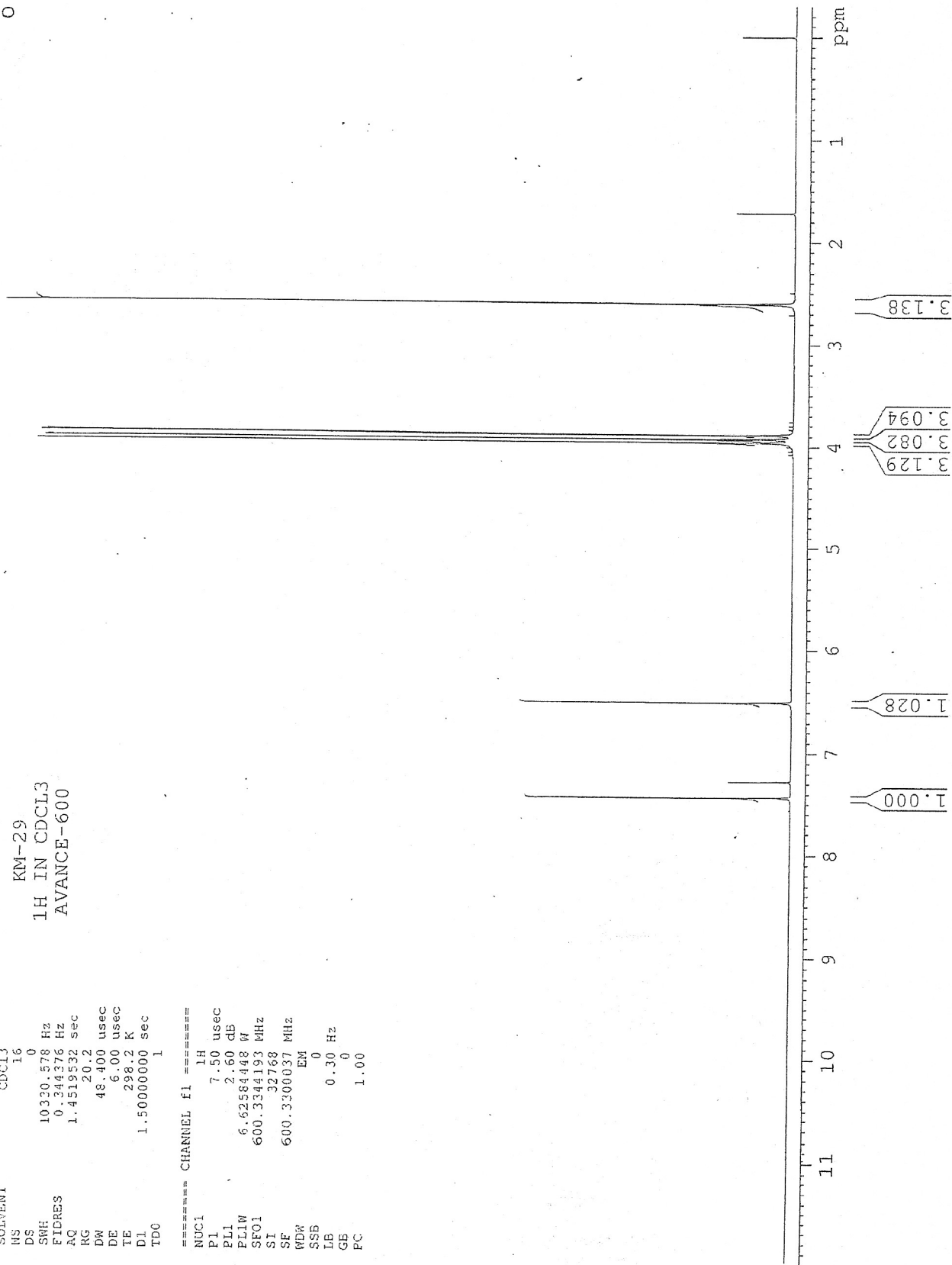
Lot No.: 1212286



KM-29
1H IN CDCL3
AVANCE-600

SOLVENT CDCL3
NS 16
DS 0
SWH 10330.578 Hz
FIDRES 0.344376 Hz
AQ 1.4519532 sec
RG 20.2
DW 48.400 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

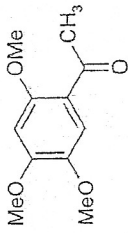
==== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584468 W
SF01 600.33344193 MHz
SI 32768
SF 600.3300037 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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 BLDG. 30, SUITE 1
 HILLSBOROUGH, NJ 08844

Catalog No.: 22-411
 Product name: 2,4,5-Trimethoxyacetophenone
 Lot No.: 1212286



SOLVENT CDCL3
 NS 16
 DS 0
 SMH 10320.578 Hz
 FIDRES 0.344376 Hz
 AQ 1.4519532 sec
 RG 20.2
 DW 48.400 usec
 DE 6.00 usec
 TE 298.2 K
 DI 1.50000000 sec
 TD0 1

KM-29
 1H IN CDCL3
 AVANCE-600

==== CHANNEL f1 =====
 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584488 W
 SFO1 600.3344193 MHz
 SI 32768
 SF 600.3300037 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

