



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: 19-399

Product Name: **2',4',6'-TRIMETHOXYACETOPHENONE**

CAS Number: [832-58-6]

Lot Number: 0102032

Chemical Formula: $C_{11}H_{14}O_4$

Molecular Weight: 210.23

Melting Point: 99-101°C

Appearance: Off-white crystalline powder

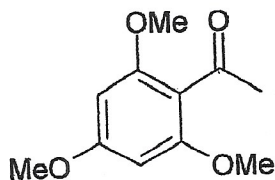
Solubility: Soluble in Chloroform

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

NMR Spectrum: Enclosed(conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.10%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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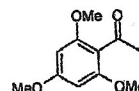
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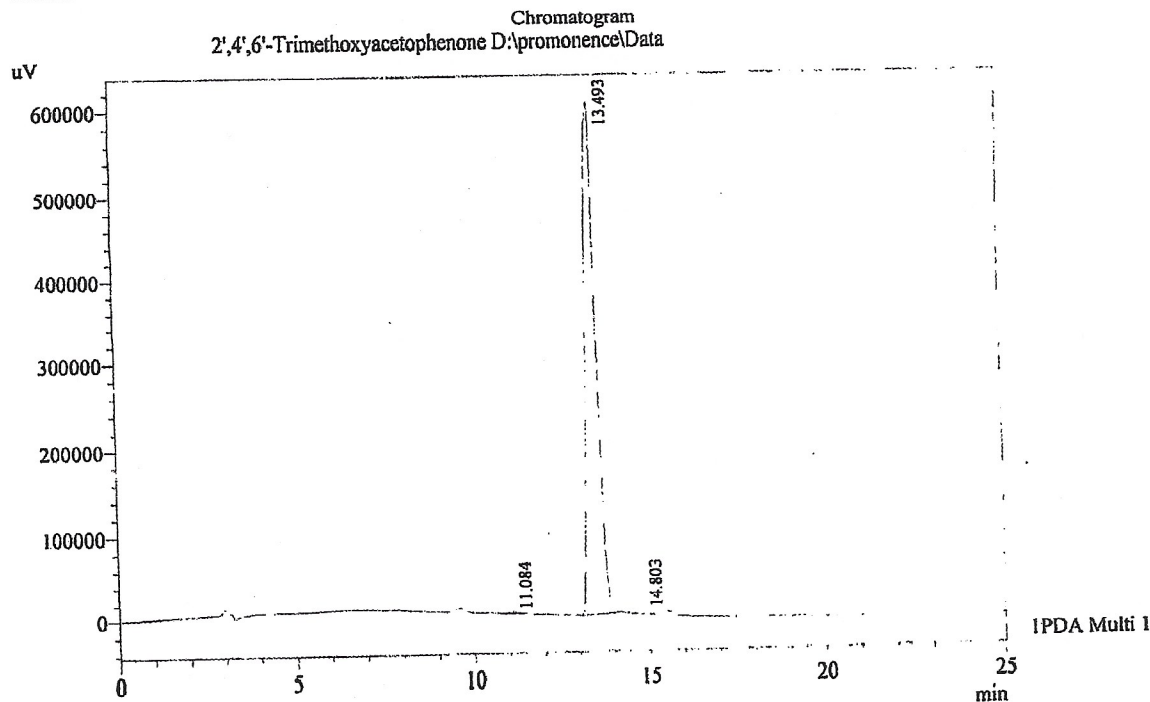
HPLC ANALYSIS

Acquired by : Admin
Sample Name : 2',4',6'-Trimethoxyacetophenone
Sample ID : Lot No:0102032
Injection Volume : 20 uL
Data Filename : 090615N.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: 19-399
Product Name: 2',4',6'-Trimethoxyacetophenone
Lot No.: 0102032



Column : LUNA C-18, (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
25.0 90 10
Diluent : Acetonitrile



1 PDA Multi 1 / 230nm 4nm

PeakTable

PDA Ch1 230nm 4nm			PeakTable		
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:11.084	11.084	27030	0.21	0.82
2	2',4',6'-Trimethoxyacetophe	13.493	12799633	99.10	1.00
3	RT:14.803	14.803	89351	0.69	1.10
Total			12916014	100.00	

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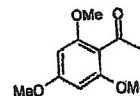
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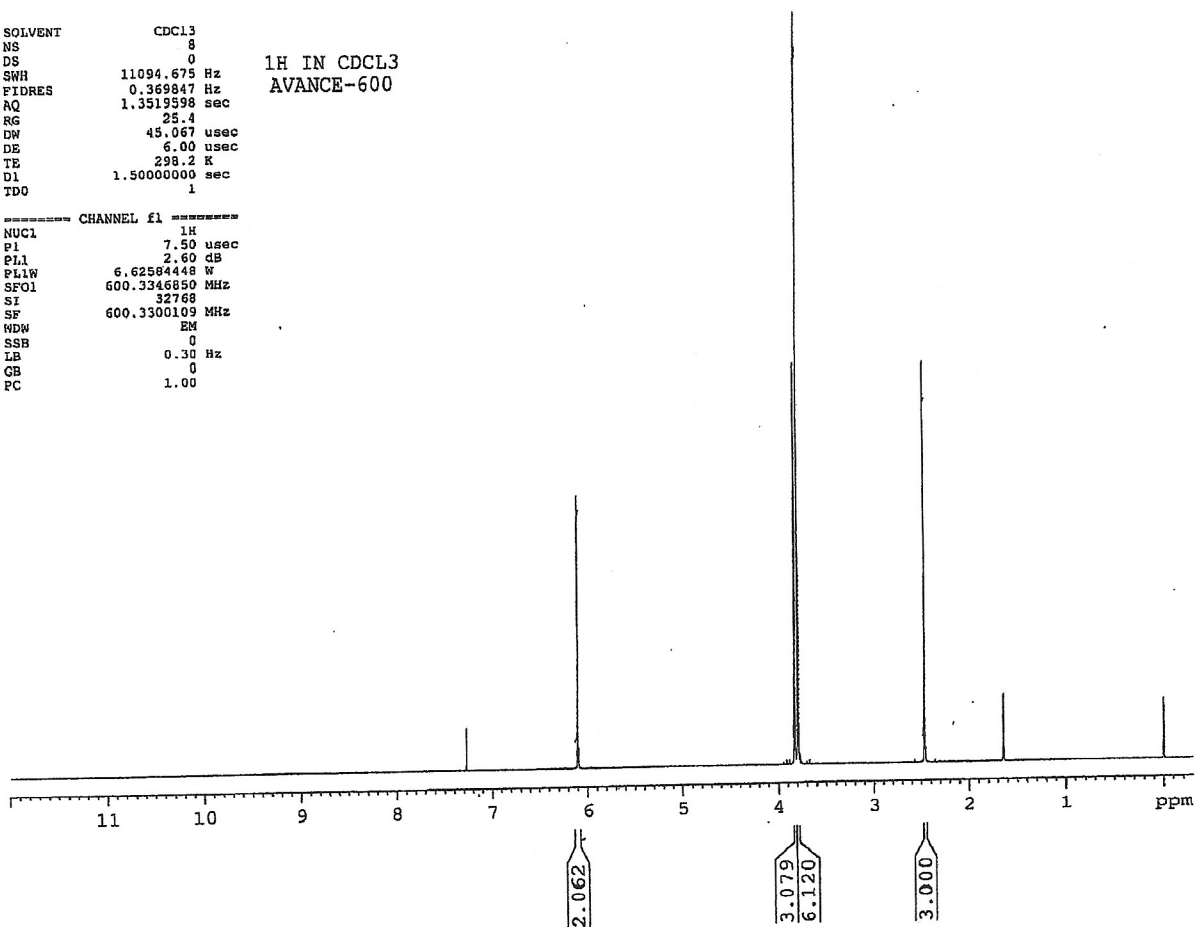
Lot No.: 0102032



SOLVENT CDC13
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 1.50000000 sec
TD0 1

1H IN CDCL3
AVANCE-600

CHANNEL f1
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SF01 600.3346850 MHz
SI 32768
SF 600.3300109 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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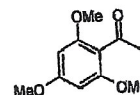
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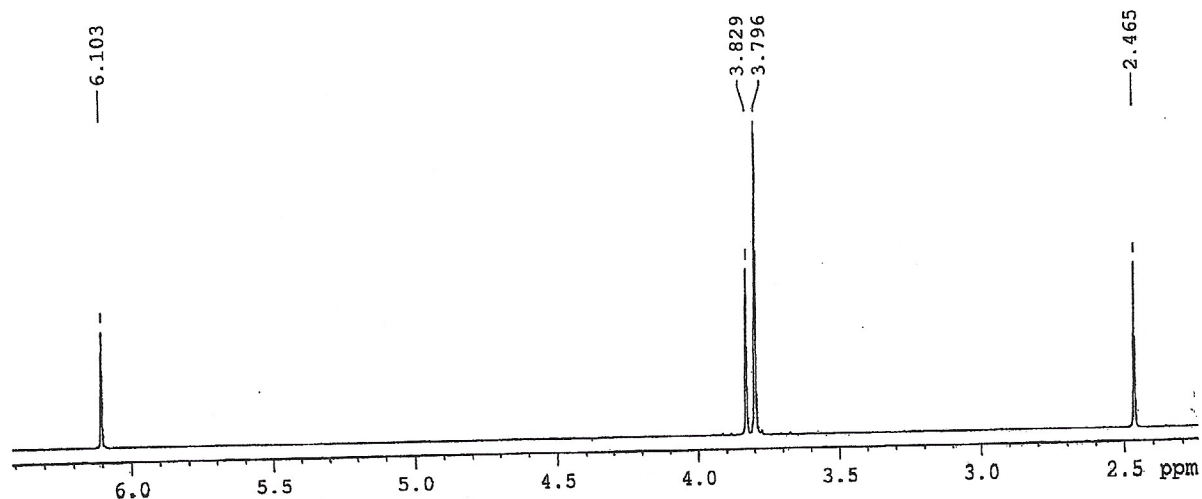
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SOLVENT CDCl₃
NS 8
DS 0
SWH 11094.675 Hz 1H IN CDCl₃
FIDRES 0.369847 Hz AVANCE-600
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RG 25.4
DW 45.067 usec
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