



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.: 19-204

Product: 2',4'-DIHYDROXY-2(4-METHOXYPHENYL)ACETOPHENONE

CAS Number: [487-49-0]

Lot Number: 99229

Chemical Formula: C₁₅H₁₄O₄

Molecular Weight: 258.28

Melting Point: 156-158°C

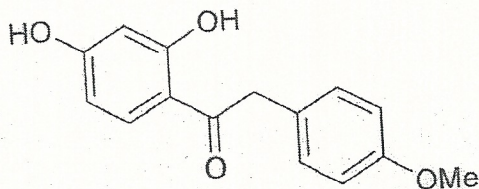
Appearance: Cream colored powder

TLC: Hexane: Ethyl acetate (7:3)

Solubility: DMSO

Storage: Cool dry place

Purity:(HPLC) 95.29%





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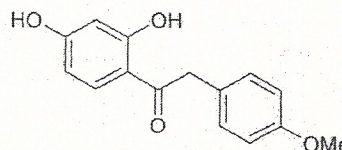
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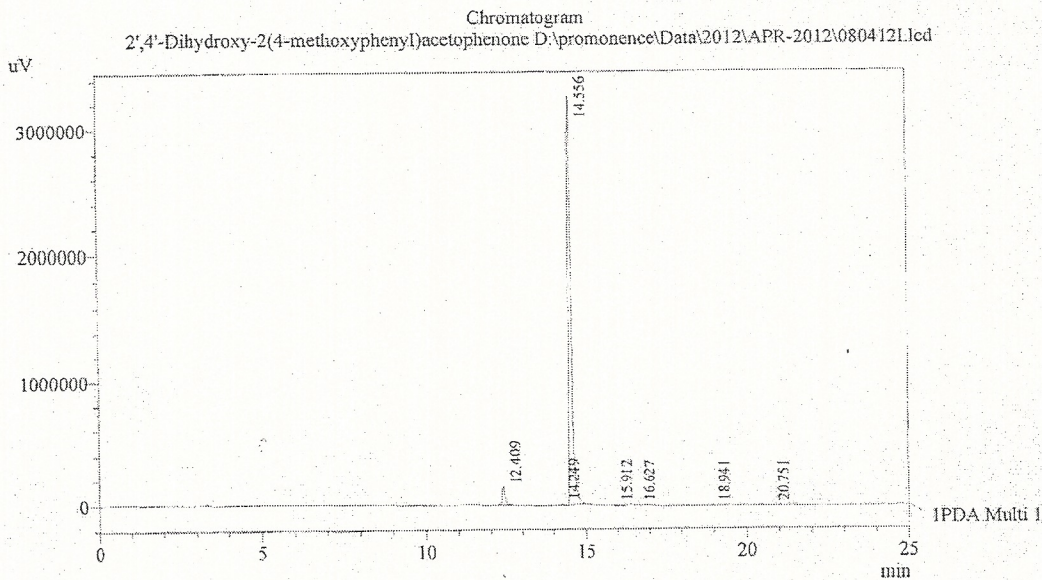
HPLC ANALYSIS

Catalog no.: 19-204
Product name: 2',4'-Dihydroxy-2(4-methoxyphenyl)acetophenone
Lot No.: 99229

Acquired by : Sanjeev
Sample Name : 2',4'-Dihydroxy-2(4-methoxyphenyl)acetophenone
Sample ID : Lot No.: 99229
Injection Volume : 20 uL
Data Filename : 0804121.lcd
Method Filename : Linear Gradient.M.lcm



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
25.0 90 10



PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:12.409	12.409	897527	4.12	0.85
2	RT:14.249	14.249	80443	0.37	0.98
3	RT:14.556	14.556	20741942	95.29	1.00
4	RT:15.912	15.912	25326	0.12	1.09
5	RT:16.627	16.627	3736	0.02	1.14
6	RT:18.941	18.941	10093	0.05	1.30
7	RT:20.751	20.751	7012	0.03	1.43
Total			21766080	100.00	



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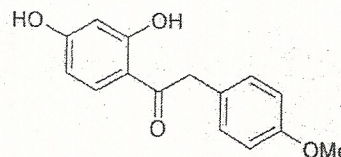
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Catalog no.: 19-204

Product name: 2',4'-Dihydroxy-2-(4-methoxyphenyl)acetophenone

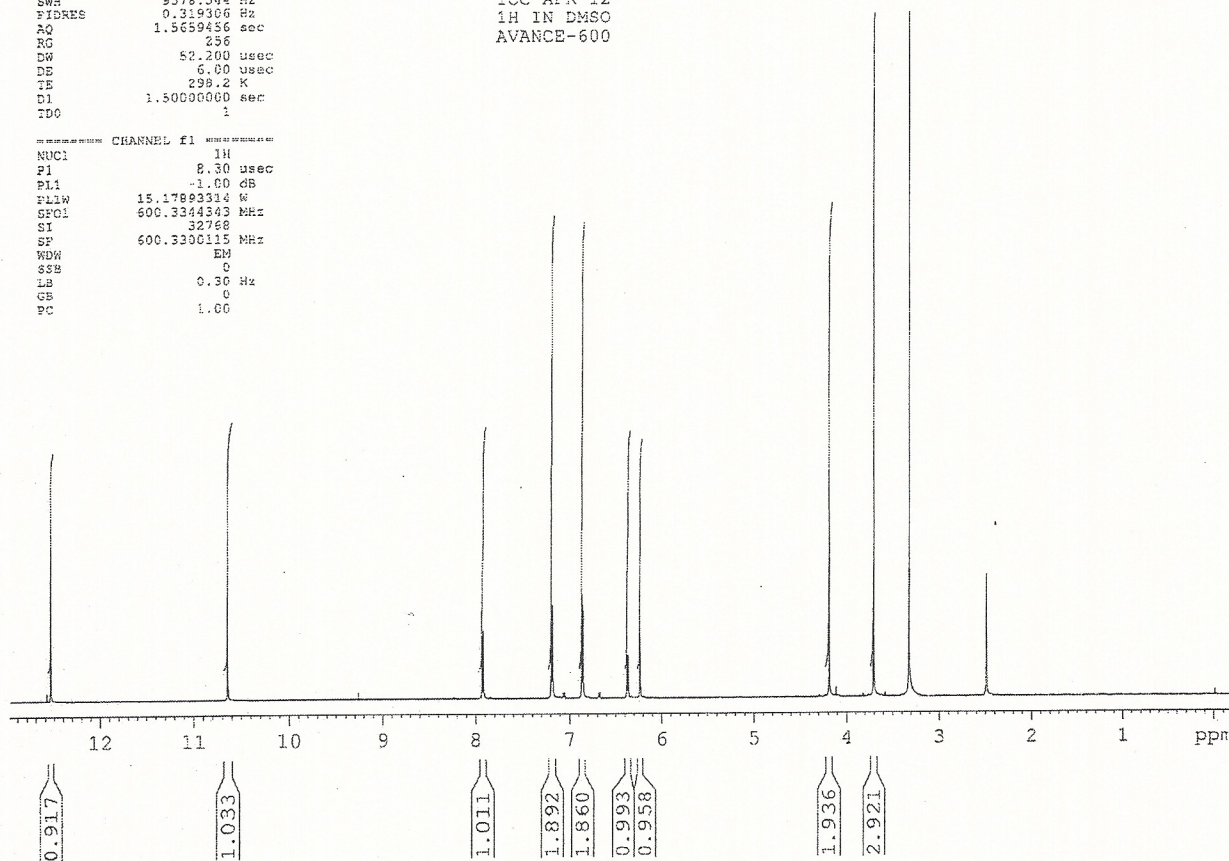
Lot No.: 99229



SOLVENT DMSO
NS 16
DS 0
SWH 9578.544 Hz
FIDRES 0.319366 Hz
AQ 1.5659456 sec
RG 236
DW 52.200 usec
DE 6.00 usec
TE 298.2 K
D1 1.5000000 sec
TD0 1

ICC-APR-12
1H IN DMSO
AVANCE-600

CHANNEL f1
NUC1 1H
P1 8.30 usec
PL1 -1.00 dB
PLW 15.17893314 W
SFO1 600.3344343 MHz
SI 32768
SF 600.3300115 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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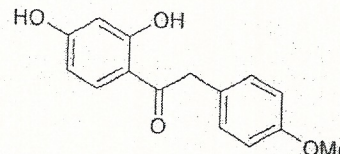
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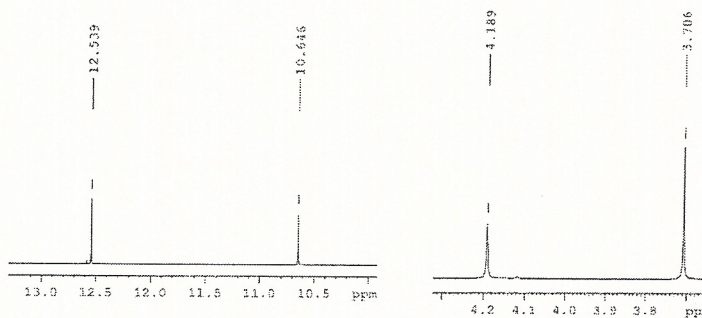
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Lot No.: 99229



SOLVENT DMSO
NS 16
DS 0
SWH 9578.544 Hz
FIDRES 0.319306 Hz
AQ 1.5659456 sec
RG 236
DW 52.203 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

ICC-APR-12
1H IN DMSO
AVANCE-600



===== CHANNEL f1 =====
NUC1 1H
P1 9.30 usec
PL1 -1.00 dB
PL1W 15.17893314 W
SFC1 600.3344343 MHz
SI 32768
SF 600.3300115 MHz
WDW EM
SSB 0
LE 0.33 Hz
GB 4
PC 1.00

7.934
7.919

7.194
7.180

6.867
6.853
6.848

6.381
6.377
6.366
6.362
6.237
6.234

