



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: 19-606

Product Name: **2(4'-BROMOPHENYL)-2',4',6'-TRIHydroxy-ACETOPHENONE**

Lot Number: 0304078

Chemical Formula: C₁₄H₁₁BrO₄

Molecular Weight: 323.15

Melting Point: 229-231°C

Appearance: Pale cream powder

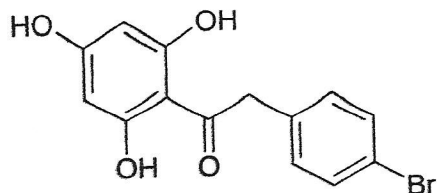
Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9:1)

NMR Spectrum: Enclosed (Confirms to the structure)

Storage: Cool dry place

Purity (HPLC): 99.77%





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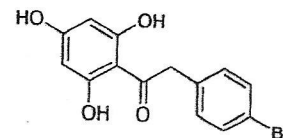
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HPLC ANALYSIS

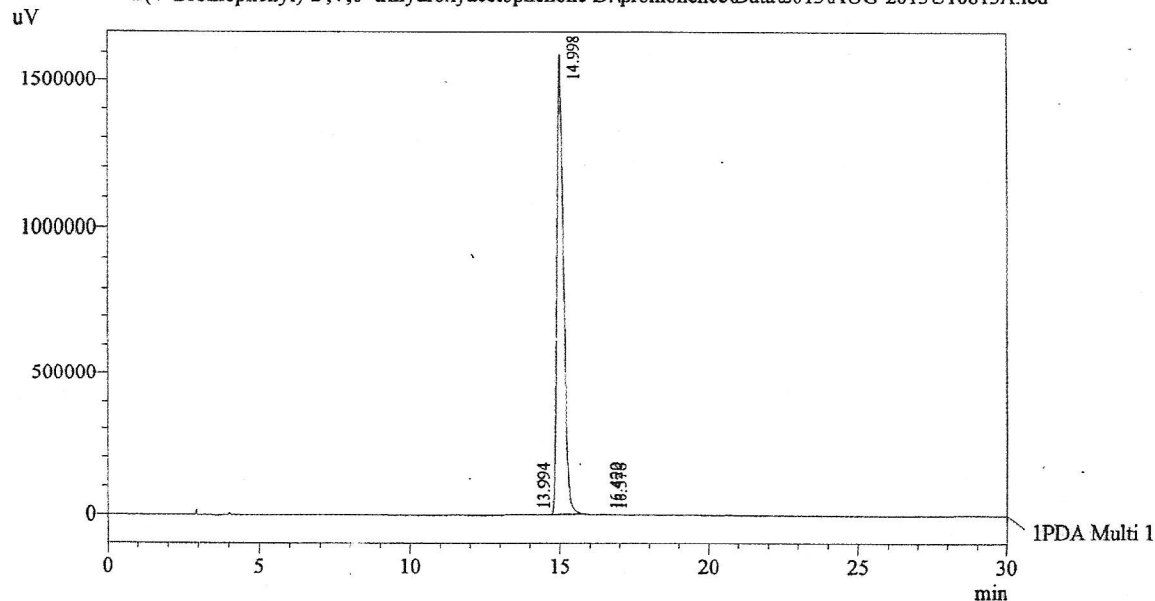
Acquired by : Sanjeev
 Sample Name : 2(4'-Bromophenyl)-2',4',6'-trihydroxyacetophenone
 Sample ID : Lot No:0304078
 Injection Volume : 20 uL
 Data Filename : 310813A.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog No.: 19-606
 Product Name: 2(4'-Bromophenyl)-2',4',6'-trihydroxyacetophenone
 Lot No.: 0304078



Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)
 Flow : 1.000 mL/min.
 Mobile Phase : A(0.1% OPA in water) B(Acetonitrile)
 0.01 90 10
 12.0 10 90
 20.0 10 90
 23.0 90 10
 30.0 90 10
 Diluent : Methanol

Chromatogram
 2(4'-Bromophenyl)-2',4',6'-trihydroxyacetophenone D:\promonence\Data\2013\AUG-2013\310813A.lcd



1 PDA Multi 1 / 230nm 4nm

PeakTable

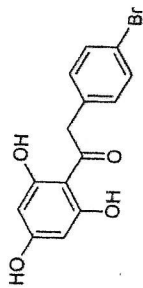
PDA Ch1 230nm 4nm

| Peak# | Name | Ret. Time | Area | Area % | Relative Retention Time |
|-------|-----------|-----------|----------|--------|-------------------------|
| 1 | RT:13.994 | 13.994 | 26531 | 0.11 | 0.93 |
| 2 | RT:14.998 | 14.998 | 24373750 | 99.77 | 1.00 |
| 3 | RT:16.420 | 16.420 | 22722 | 0.09 | 1.09 |
| 4 | RT:16.576 | 16.576 | 6226 | 0.03 | 1.11 |
| Total | | | 24429229 | 100.00 | |



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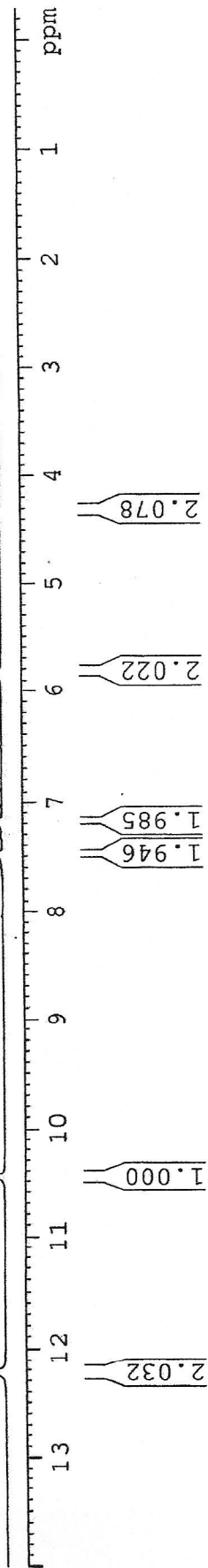
Catalog No.: 19-606
 Product Name: 2-(4'-Bromophenyl)-2',4',6'-trihydroxy
 acetophenone
 Lot No.: 0304078



SOLVENT DMSO
 NS 16
 DS 0
 SWH 10775.862 Hz
 FIDRES 0.359219 Hz
 AQ 1.3919572 sec
 RG 28.5
 DW 46.400 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.50000000 sec
 ID0 1

1H IN DMSO
 AVANCE-600

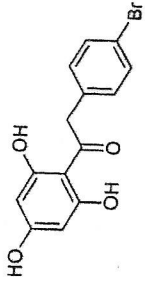
===== CHANNEL f1 =====
 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584448 W
 SF01 600.3348457 MHZ
 SI 32768
 SF 600.3300118 MHZ
 EM
 WDW 0
 SSB 0.30 Hz
 LB 0
 GB 0
 PC 1.00





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 SSB 0
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 GB 0
 PC 1.00

