



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

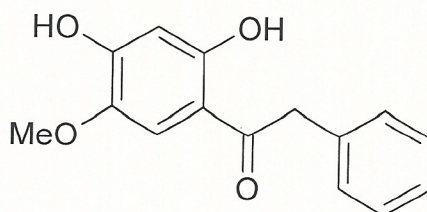
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: 19-633

| | |
|---------------------------|--|
| <u>Product:</u> | 2', 4'-DIHYDROXY-5'-METHOXY-2-PHENYLACETOPHENONE |
| <u>Lot No.:</u> | 0308133 |
| <u>Molecular Formula:</u> | C ₁₅ H ₁₄ O ₄ |
| <u>Molecular Weight:</u> | 258.28 |
| <u>Melting Point:</u> | 105-107.5°C |
| <u>Appearance:</u> | Dull yellow powder |
| <u>Solubility:</u> | Soluble in ethyl acetate |
| <u>NMR Spectrum:</u> | Enclosed |
| <u>IR Spectrum:</u> | Enclosed |
| <u>Storage:</u> | Store in cool dry place |
| <u>Purity (HPLC):</u> | 99+% |





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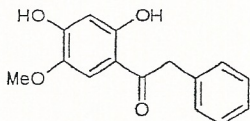
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HPLC ANALYSIS

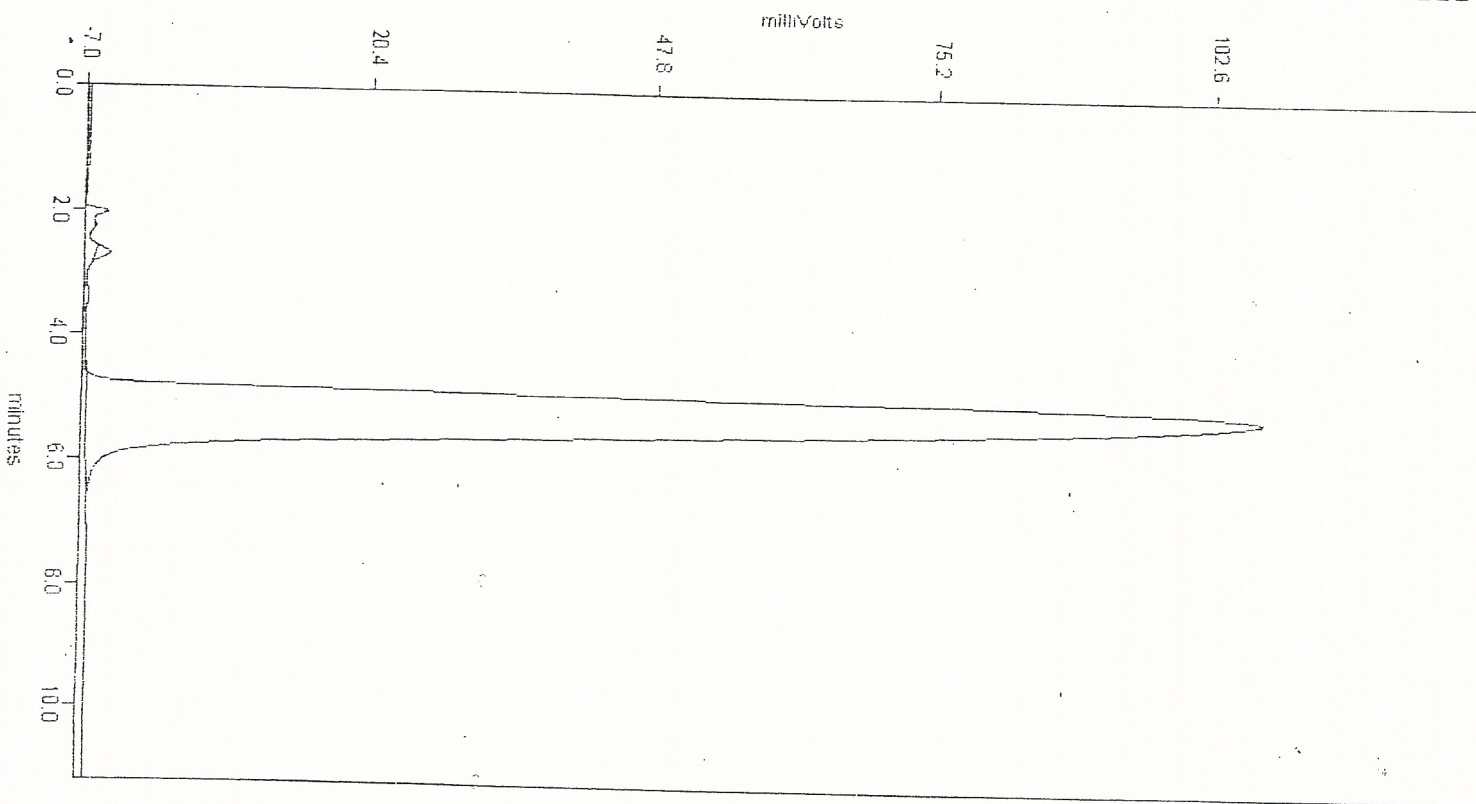


Catalog no.: 19-633
 Product name: 2',4'-Dihydroxy-5'-methoxy-2-phenylacetophenone
 Lot No.: 0308133

COLUMN : C18
 WAVE LENGTH : 254nm
 MOBILE PHASE : METHANOL:WATER (70:30)
 FLOW RATE : 1.0ML/MIN
 INJ VOL : 20ul

DELTA CHROMATOGRAPHY DATA SYSTEM

STRIPCHART PLOT FOR CHROMATOGRAM - c:\deltaw\data\np-162.raw



DELTA CHROMATOGRAPHY DATA SYSTEM

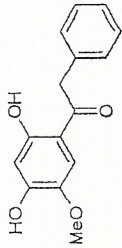
LISTING PEAK TABLE FOR CHROMATOGRAM - c:\deltaw\data\np-162.raw.RAW

| # | Type Name | Ret.Time | Area(uVSec) | Height(mV) | Area Percent |
|---|-----------|----------|-------------|------------|--------------|
| 1 | MM | 2.75 | 13354 | 1.1 | 0.3 |
| 2 | | 5.16 | 4282451 | 114.4 | 99.7 |

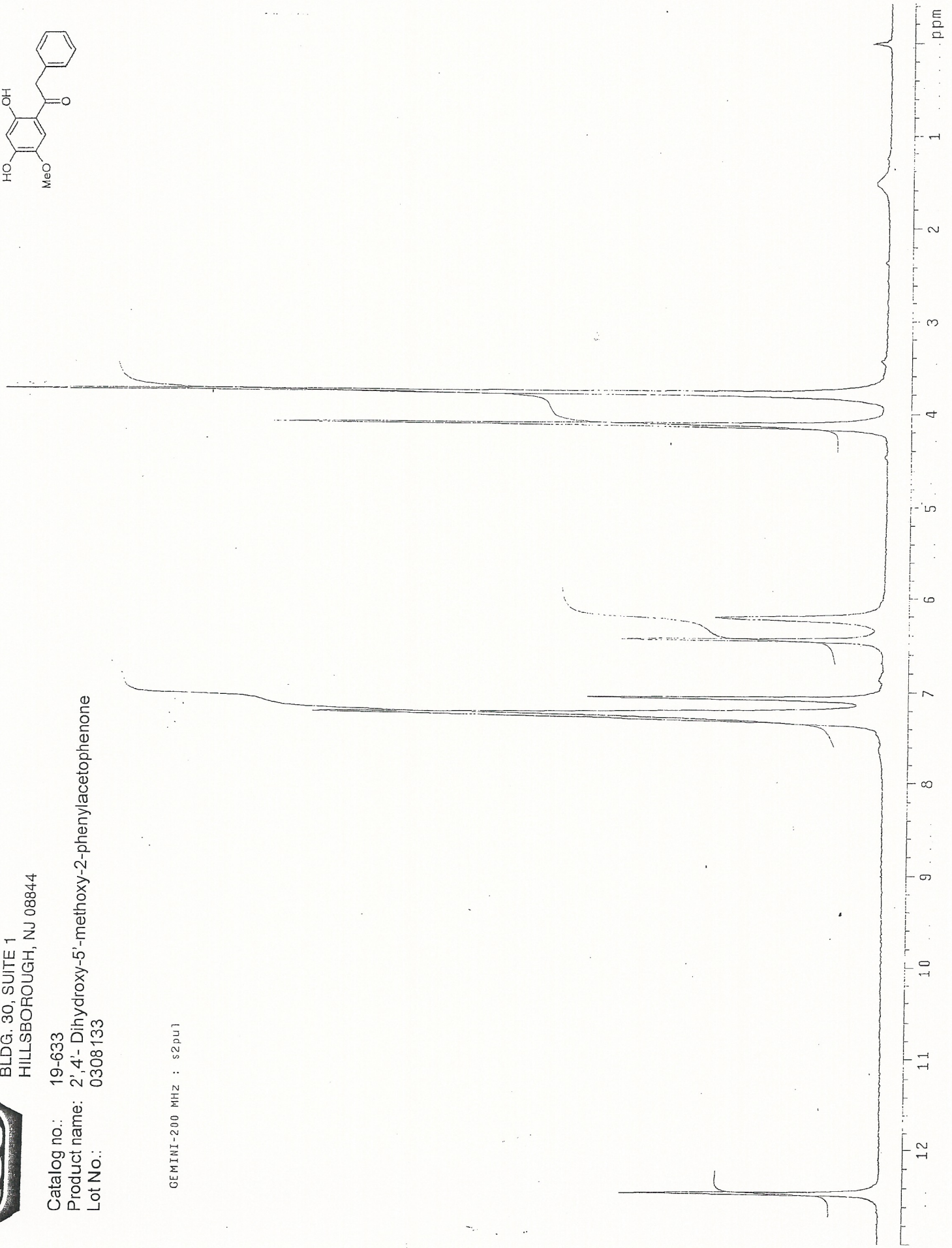


INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog no.: 19-633
Product name: 2',4'-Dihydroxy-5'-methoxy-2-phenylacetophenone
Lot No.: 0308133



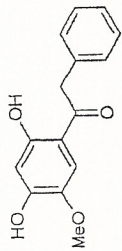
GEMINI-200 MHz : s2pu1



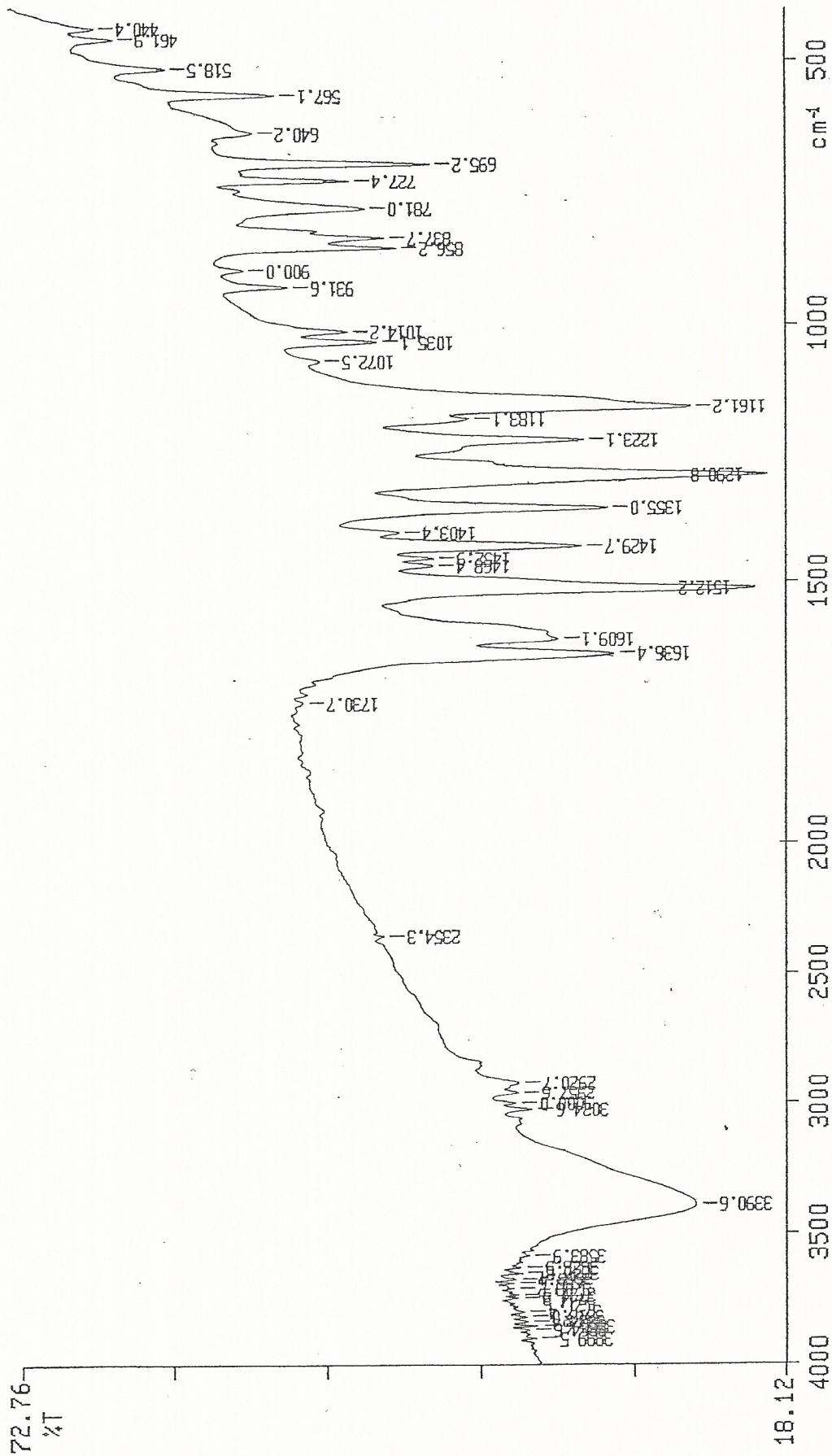


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PERKIN ELMER



X: 1 scan, 8.0cm-1