



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: 19-587

Product Name: **5-CHLOROSALICYLALDEHYDE**
(5-Chloro-2-hydroxybenzaldehyde)

CAS No.: [635-93-8]

Lot No.: 2103535

Molecular Formula: C₇H₅ClO₂

Molecular Weight: 156.6

Appearance: Off white powder

Melting Point: 100-102°C

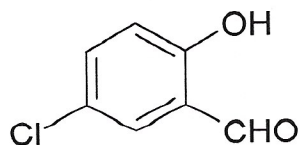
Moisture Content(KF): 0.28%

Solubility: Soluble in Chloroform

¹HNMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(GC): 99.75%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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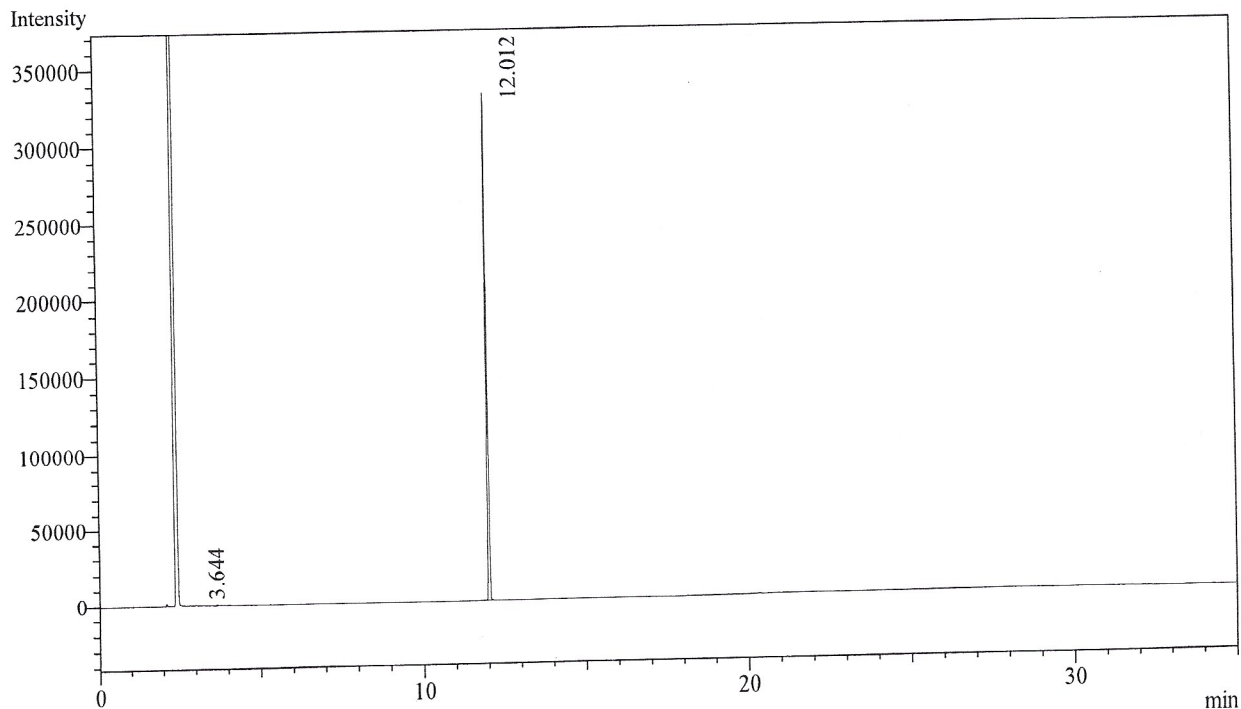
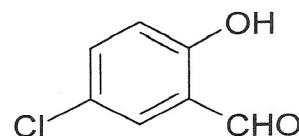
e-mail: chemical@indofinechemical.com

GC ANALYSIS

Instrument ID : GCMS-02
Vial# : 10
User Name : Nagaraju

Catalog No.: 19-587
Product Name: 5-Chlorosalicylaldehyde
Lot No.: 2103535

Column ID: SH-Rxi-5 MS 30m X 0.25mm X 0.25 μ m
Temp Program: 80°-2-20°-280°-10;
Inj Temp: 250°C, Det Temp: 300°C;
Flow rate: 1.0ml/min, Split ratio: 1:50,
Carrier Gas: He,
Diluent: DCM
Inj. Vol(μ L): 1.0



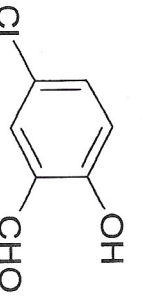
Peak#	Ret. Time	Area	Theoretical Plates	Resolution	Area%
1	3.644	1939	35688.262	0.000	0.250
2	12.012	772787	609717.332	120.682	99.750
Total		774726			100.000

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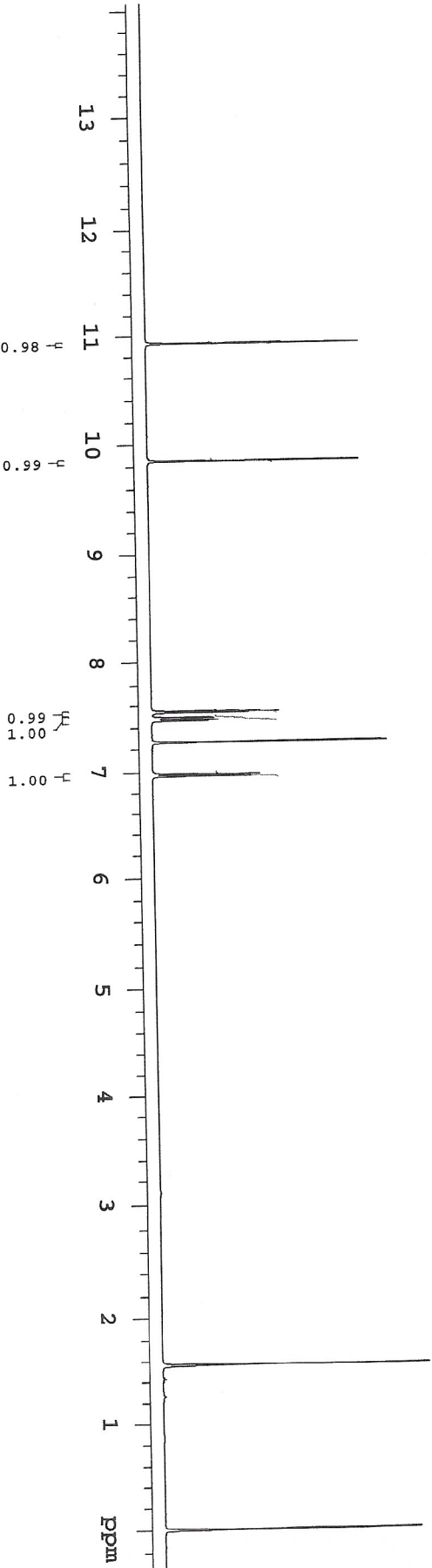


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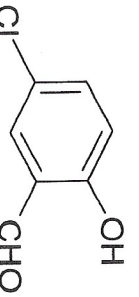
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VARIAN 400MHZ NMR
Solvent: cdcl3





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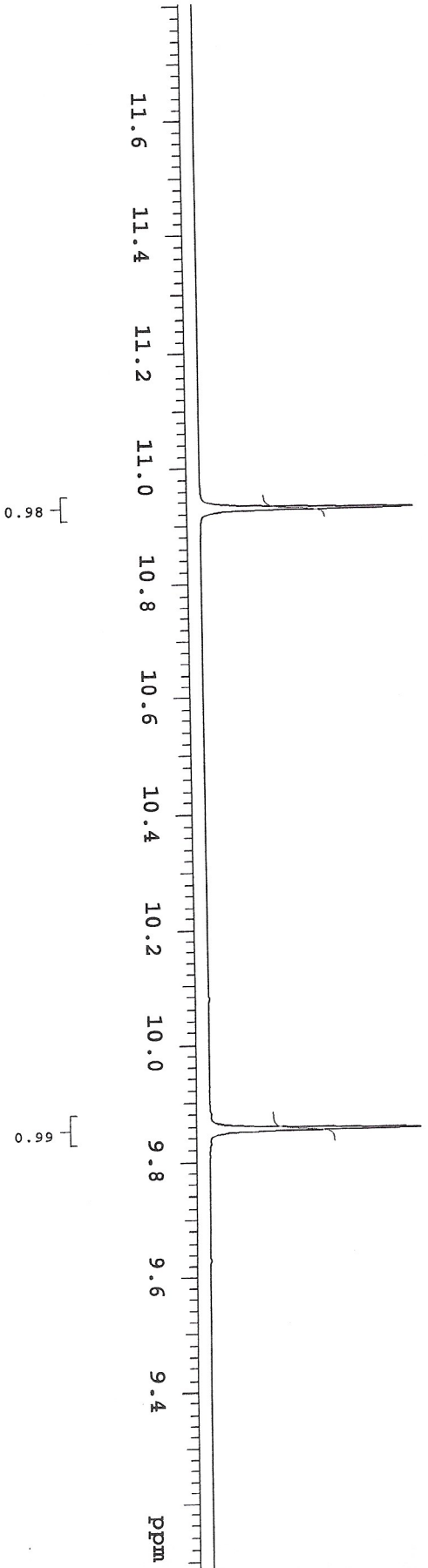


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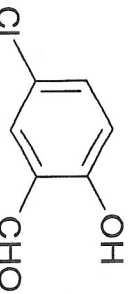
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9.855





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