



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

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CERTIFICATE OF ANALYSIS

Catalog Number: 06-1377

Product Name: **2,5-DIHYDROXYTEREPHTHALIC ACID**

CAS Number: [610-92-4]

Lot Number: 1508660

Chemical Formula: C₈H₆O₆

Molecular Weight: 198.13

Melting Point: 320-320.5°C

Appearance: Light yellow powder

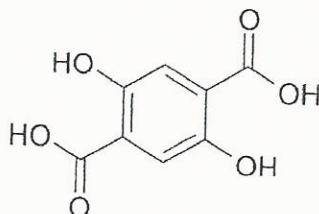
Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (1:1)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.81%





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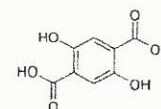
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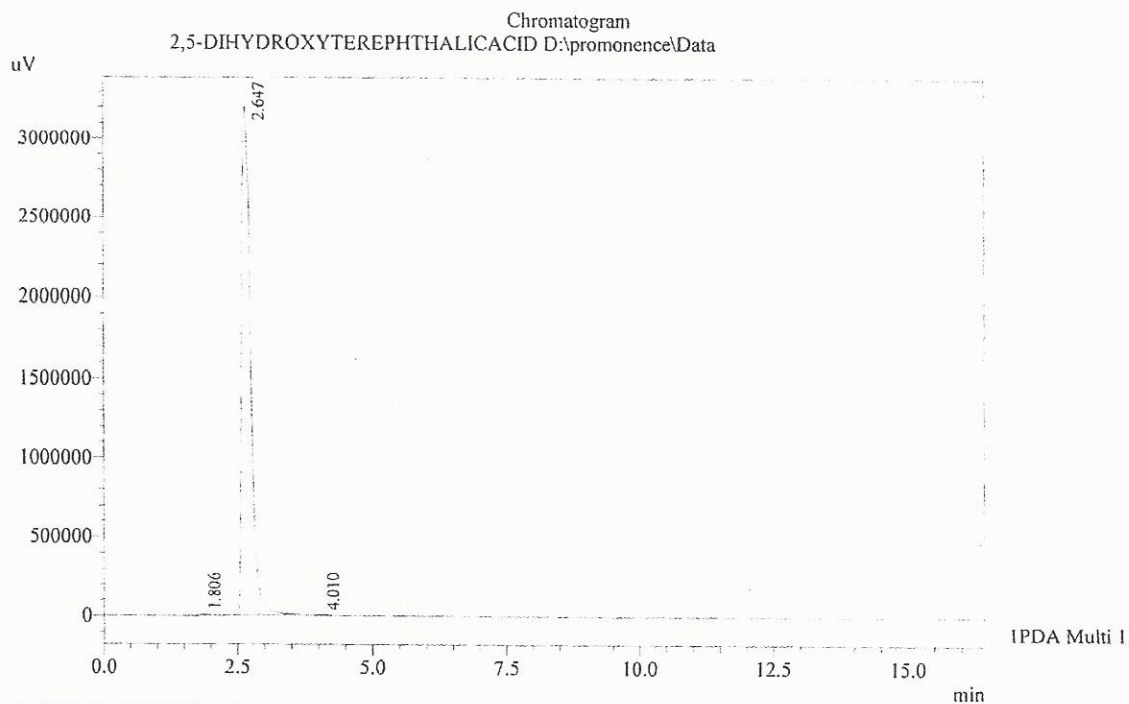
HPLC ANALYSIS

Acquired by : Admin
Sample Name : 2,5-DIHYDROXYTEREPHTHALICACID
Sample ID : Lot No: 1508660
Injection Volume : 20 uL
Data Filename : 300915F.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 06-1377
Product Name: 2,5-Dihydroxyterephthalic acid
Lot No.: 1508660



Column : Gemini C-18(2), (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(20% of 0.05% TFA in water) B(80% of Acetonitrile)



PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:1.806	1.806	34398	0.09	0.68
2	2,5-DiOH TEREPHTHALI	2.647	36288542	99.81	1.00
3	RT:4.010	4.010	34594	0.10	1.51
Total			36357534	100.00	



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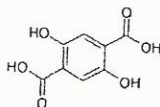
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ICC-Sept-03 1H NMR DMSO-d6
Analysed By : CHR

