



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: 06-1375

Product Name: **1,4-PHENYLENEDIACETIC ACID**

CAS Number: [7325-46-4]

Lot Number: 1508662

Chemical Formula: C₁₀H₁₀O₄

Molecular Weight: 194.19

Melting Point: 247-248°C

Appearance: Off white powder

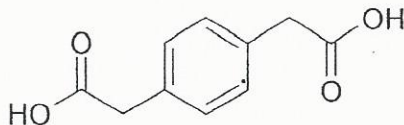
Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (1:1)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.35%





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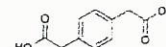
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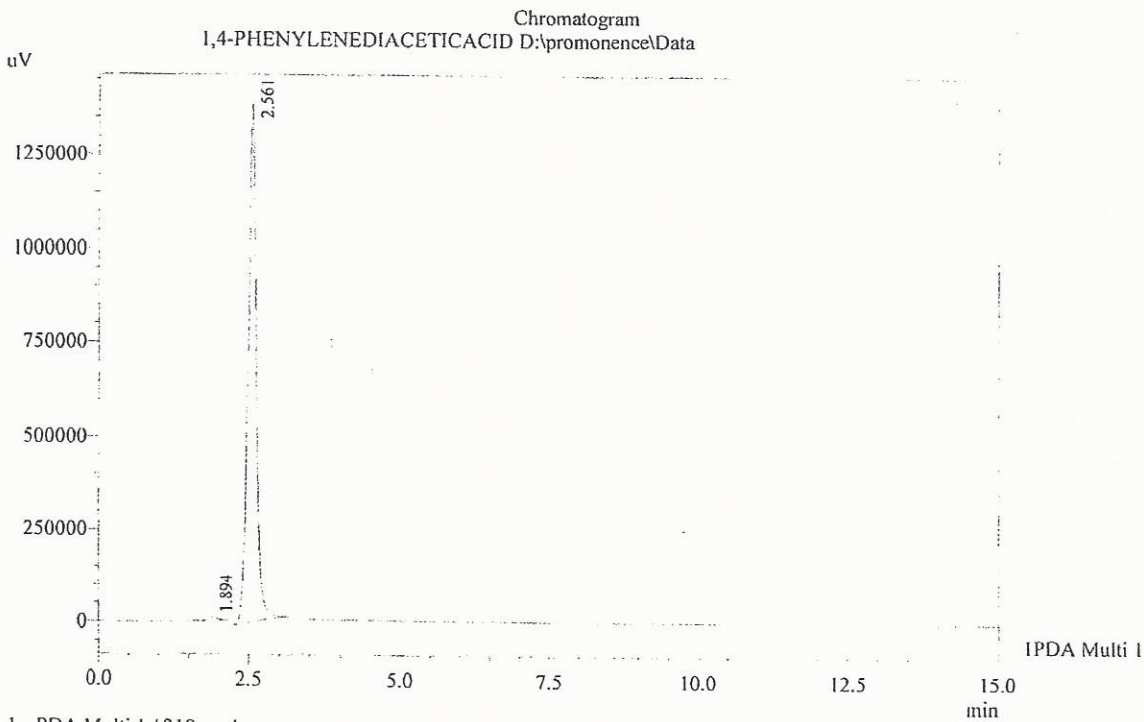
HPLC ANALYSIS

Acquired by : Admin
Sample Name : 1,4-PHENYLENEDIACETICACID
Sample ID : Lot No:1508662
Injection Volume : 20 uL
Data Filename : 300915E.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 06-1375
Product Name: 1,4-Phenylenediacetic acid
Lot No.: 1508662



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 210nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:1.894	1.894	83123	0.65	0.74
2	1,4-Phenylenediaceticacid	2.561	12732862	99.35	1.00
Total			12815985	100.00	



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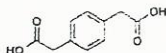
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ICC-Sept-01 1H NMR DMSO-d6
Analysed By : CHR

