



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: D-007

Product Name: **2,5-DIHYDROXY-1,4-BENZOQUINONE**

CAS Number: [615-94-1]

Lot Number: 1503557

Chemical Formula: C₆H₄O₄

Molecular Weight: 140.10

Moisture(KF): 0.5%

Melting Point: 215-220°C

Appearance: Golden orange crystalline powder

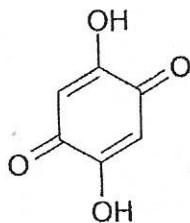
Solubility: Soluble in acetone and ethanol

TLC: Chloroform:Methanol (8:2)

NMR Spectrum: Enclosed (Conforms to the structure)

Storage: Store in a cool dry place

Purity(HPLC): 99.87%





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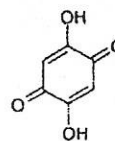
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HPLC ANALYSIS

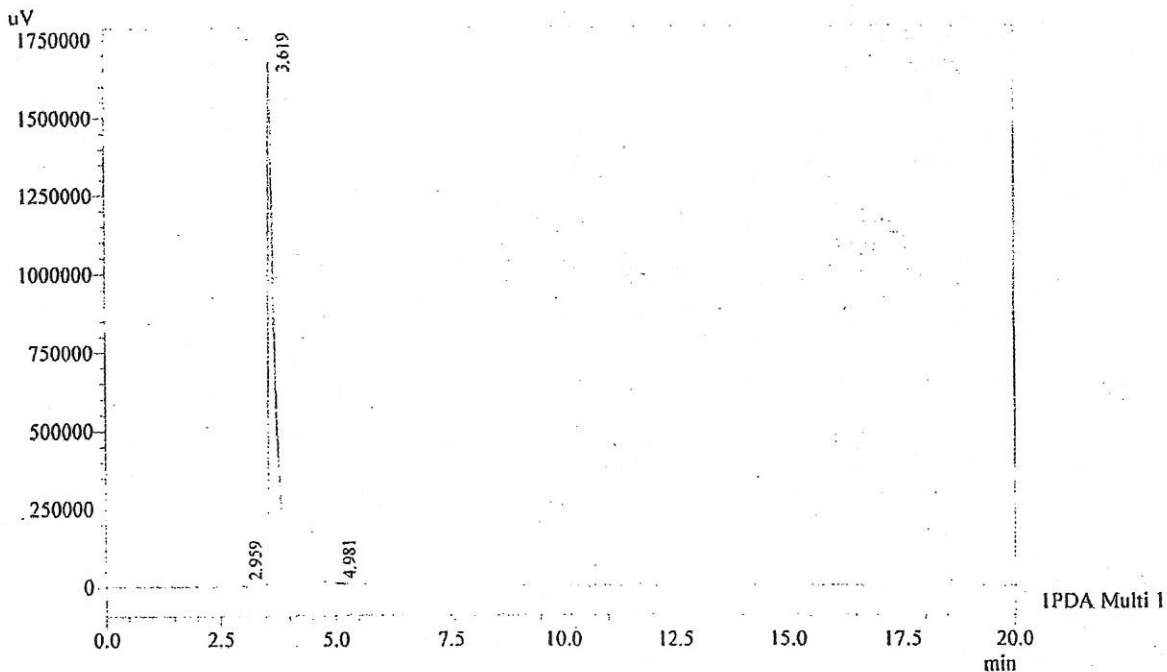
Acquired by : Admin
Sample Name : DHBQ
Sample ID : 5.5 Kg Lot
Injection Volume : 20 uL
Data Filename : 110215F.lcd
Method Filename : Linear Isocratic M.lcm

Catalog No.: D-007
Product Name: 2,5-Dihydroxy-1,4-benzoquinone
Lot No.: 1503557



Column : LUNA C-18(2), (250mm x4.6mm 5.0µ)
Flow : 0.800 mL/min.
Mobile Phase : Phosphate buffer:Methanol:Acetonitrile(20:20:60)
Phosphate Buffer : 0.01M NaH₂PO₄ buffer adjust the pH 3.0 with Ortho phosphoric acid

Chromatogram



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.957	2.959	19941	0.12	0.82
2	DHBQ	3.619	16085993	99.87	1.00
3	RT:4.981	4.981	1803	0.01	1.38
Total			16107737	100.00	

ICG **INDOFINE Chemical Company, Inc.**

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