



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

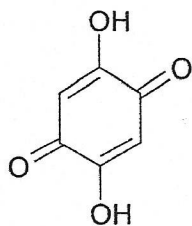
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

<u>Catalog Number:</u>	D-007
<u>Product Name:</u>	<b>2,5-DIHYDROXY-1,4-BENZOQUINONE</b>
<u>CAS Number:</u>	[615-94-1]
<u>Lot Number:</u>	1404453
<u>Chemical Formula:</u>	C <sub>6</sub> H <sub>4</sub> O <sub>4</sub>
<u>Molecular Weight:</u>	140.10
<u>Moisture(KF):</u>	0.6%
<u>Melting Point:</u>	214-220°C
<u>Appearance:</u>	Golden orange crystalline powder
<u>Solubility:</u>	Soluble in acetone and ethanol
<u>NMR Spectrum:</u>	Enclosed (Conforms to the structure)
<u>Storage:</u>	Store in a cool dry place
<u>Purity(HPLC):</u>	99.33%





# 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

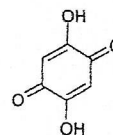
website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

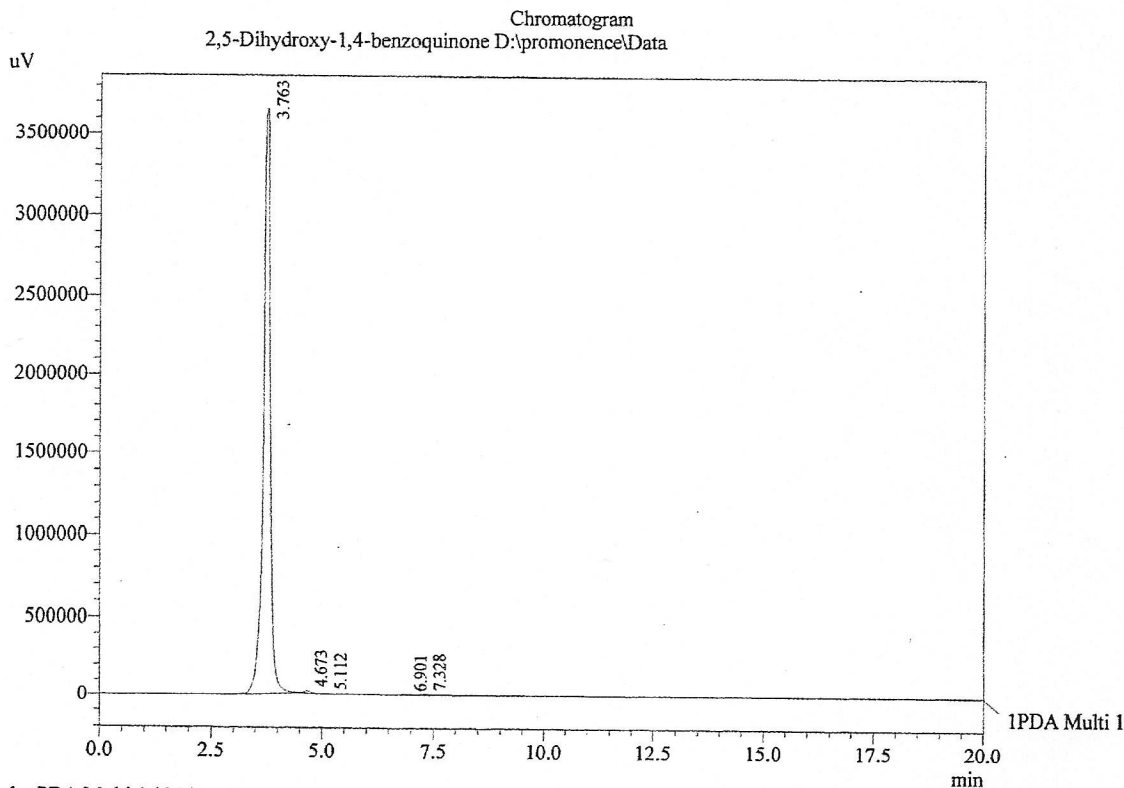
## HPLC ANALYSIS

Acquired by : Sanjeev  
Sample Name : 2,5-Dihydroxy-1,4-benzoquinone  
Sample ID : 6.0 Kg Lot  
Injection Volume : 20 uL  
Data Filename : 300314M.lcd  
Method Filename : Linear Isocratic.M.lcm

Catalog No.: D-007  
Product Name: 2,5-Dihydroxy-1,4-benzoquinone  
Lot No.: 1404453



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 NaH<sub>2</sub>PO<sub>4</sub> buffer adjust the pH 3.0 with Ortho phosphoric acid



PeakTable

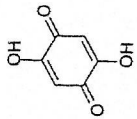
PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	2,5-Di-OH-1,4-benzoquinone	3.763	40145469	99.33	1.00
2	RT:4.673	4.673	164241	0.41	1.24
3	RT:5.112	5.112	11500	0.03	1.36
4	RT:6.901	6.901	1842	0.00	1.83
5	RT:7.328	7.328	94240	0.23	1.95
Total			40417293	100.00	



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

Catalog No.: D-007  
Product Name: 2,5-Dihydroxy-1,4-benzoquinone  
Lot No.: 1404453



2,5-OH BNZQ  
1H IN DMSO

