



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: **22-001**

Product Name: **2,6-DIMETHOXY-1,4-BENZOQUINONE**

CAS No.: **[530-55-2]**

Lot Number: **99163**

Chemical Formula: **C₈H₈O₄**

Molecular Weight: **168.15**

Melting Point **254°C (dec)**

Appearance: **Yellow powder**

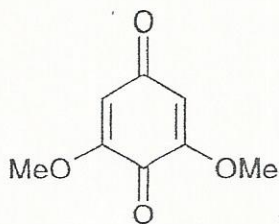
Solubility: **Soluble in Chloroform**

TLC: **Hexane:Ethyl acetate (7:3)**

NMR Spectrum: **Enclosed (Confirms to the structure)**

Storage: **Cool dry place**

Purity (HPLC): **98.21%**





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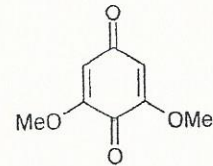
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HPLC ANALYSIS

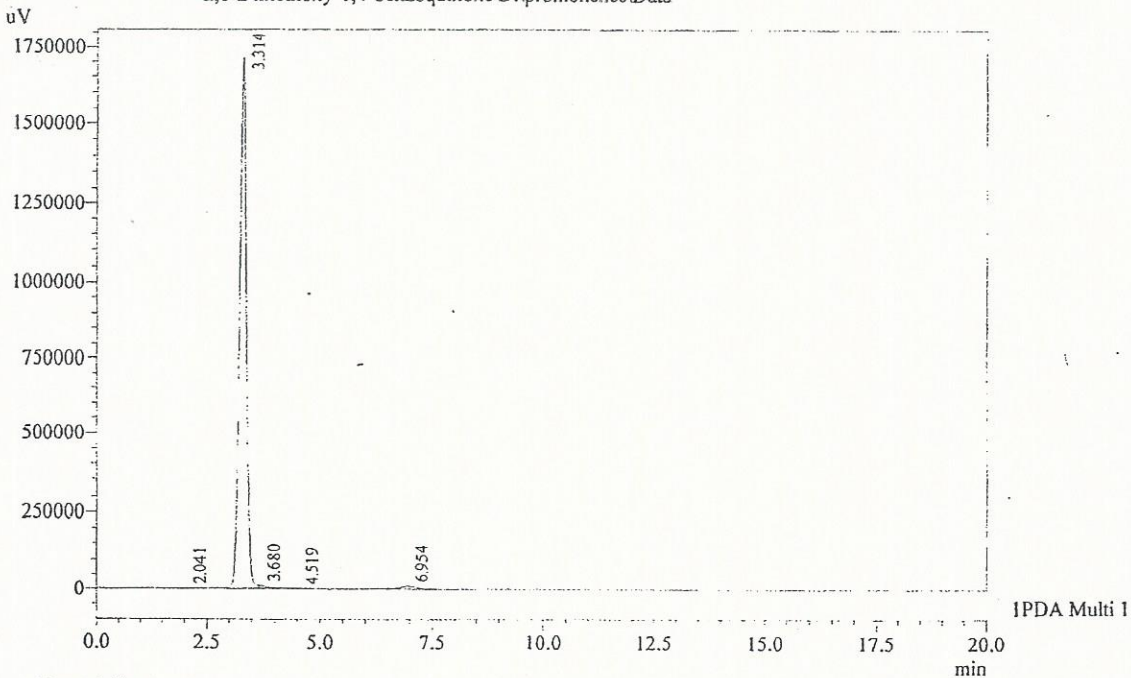
Acquired by : Sanjeev
 Sample Name : 2,6-Dimethoxy-1,4-benzoquinone
 Sample ID : Lot No:99163
 Injection Volume : 20 uL
 Data Filename : 011013G.lcd
 Method Filename : Linear Isocratic.M.lcm

Catalog No.: 22-001
 Product Name: 2,6-Dimethoxy-1,4-Benzoquinone
 Lot No.: 99163



Column : LUNA C-18(2), (250mm x4.6mm 5.0µ)
 Flow : 1.000 mL/min.
 Mobile Phase : A(20% of Water) B(60% of Acetonitrile)
 Diluent : Acetonitrile

Chromatogram
 2,6-Dimethoxy-1,4-benzoquinone D:\promonence\Data

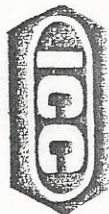


I PDA Multi 1 / 270nm 4nm

PeakTable

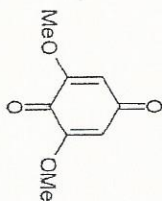
PDA Ch1 270nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.041	2.041	15945	0.09	0.62
2	2,6-Di-OMe-1,4-benzoquinone	3.314	17749797	98.21	1.00
3	RT:3.680	3.680	97442	0.54	1.11
4	RT:4.519	4.519	3809	0.02	1.36
5	RT:6.954	6.954	205361	1.14	2.10
Total			18072554	100.00	



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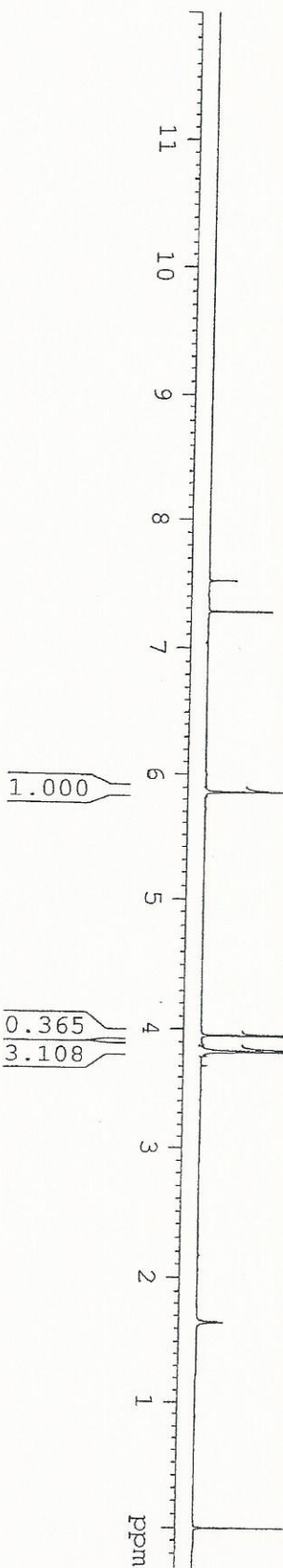
Catalog No.: 22-001
Product Name: 2,6-Dimethoxy-1,4-Benzoquinone
Lot No.: 99163



SOLVENT CDCL3
NS 8
DS 0
SWH 10245.901 Hz
FIDRES 0.284166 Hz
AQ 1.7595828 sec
RG 22.6
DW 48.800 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

1H IN CDCL3
AVANCE-600

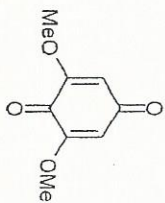
==== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SFO1 600.3346351 MHz
SI 32768
SF 600.3300057 MHz
WDW EM
SSB 0
LB 0
GB 0.30 Hz
PC 1.00





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SOLVENT CDCL3
NS 8
DS 0
SMH 10245.901 Hz
FIDRES 0.284166 Hz
AQ 1.7595828 sec
RG 22.6
DM 48.800 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

1H IN CDCL3
AVANCE-600

==== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SFO1 600.3346351 MHz
SI 32768
SF 600.3300057 MHz
WDW EM
SSB 0
LB 0
GB 0
PC 1.00

