



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: P-005

Product Name: **PLUMBAGIN**
(5-Hydroxy-2-methyl-1,4-naphthoquinone)

Source: Plumbago Indica

Cas Number: [481-42-5]

Lot Number: 2411111

Chemical Formula: C₁₁H₈O₃

Molecular Weight: 188.18

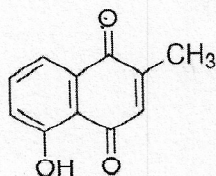
Appearance: Orange crystalline powder

Melting Point: 76-78°C

Solubility: Soluble in methanol and chloroform

Storage: Store at -20°C

Purity(GC): 99.28%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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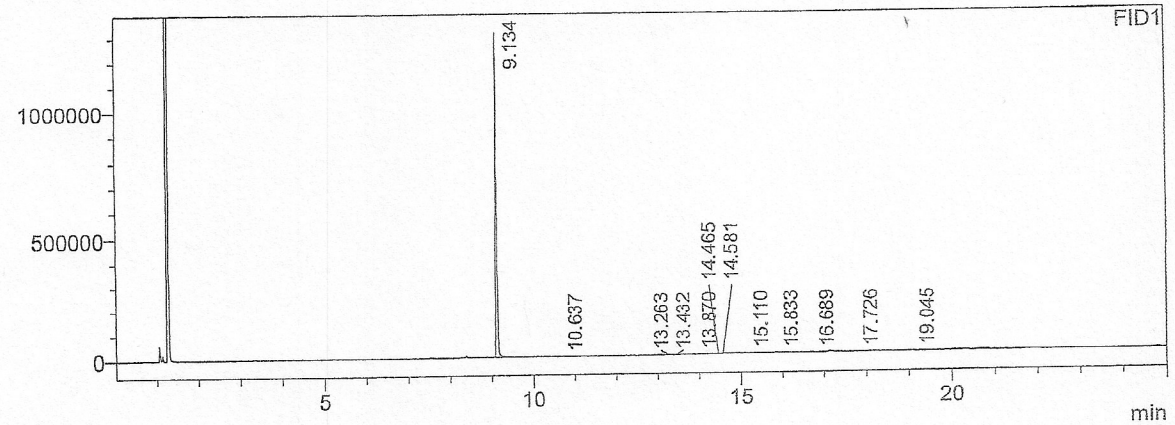
GC ANALYSIS

Sample Name : Plumbagin
 Sample ID :
 Data Filename : 02072024008.gcd
 Method Filename : General Method-1(HP-5).gcm
 Vial # : 4
 Injection Volume : 1.0 uL

Catalog No.: P-005
 Product Name: Plumbagin
 Lot No.: 2411111

Column:HP-5; (30 Mts x 0.32mm x 0.25um)
 DILUENT:Chloform

<Chromatogram>



<Peak Table>

Peak#	Ret. Time	Area	Height	Area%	Name
1	9.134	2933397	1312174	99.286	
2	10.637	572	208	0.019	
3	13.263	682	301	0.023	
4	13.432	858	219	0.029	
5	13.870	1349	607	0.046	
6	14.465	1774	769	0.060	
7	14.581	557	138	0.019	
8	15.110	2970	1066	0.101	
9	15.833	2851	917	0.096	
10	16.689	3508	933	0.119	
11	17.726	3167	647	0.107	
12	19.045	2818	471	0.095	
Total		2954502	1318450	100.000	

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