



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)

Cas Number: [481-42-5]

Lot Number: 98027

Chemical Formula: C₁₁H₈O₃

Molecular Weight: 188.18

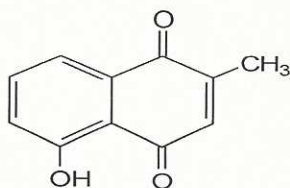
Melting Point: 75-77°C

Appearance: Orange red powder

Solubility: Soluble in chloroform

Storage: Cool dry place

Purity: 99.98%





INDOFINE Chemical Company, Inc.

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

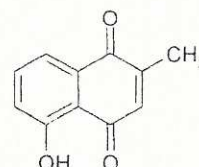
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

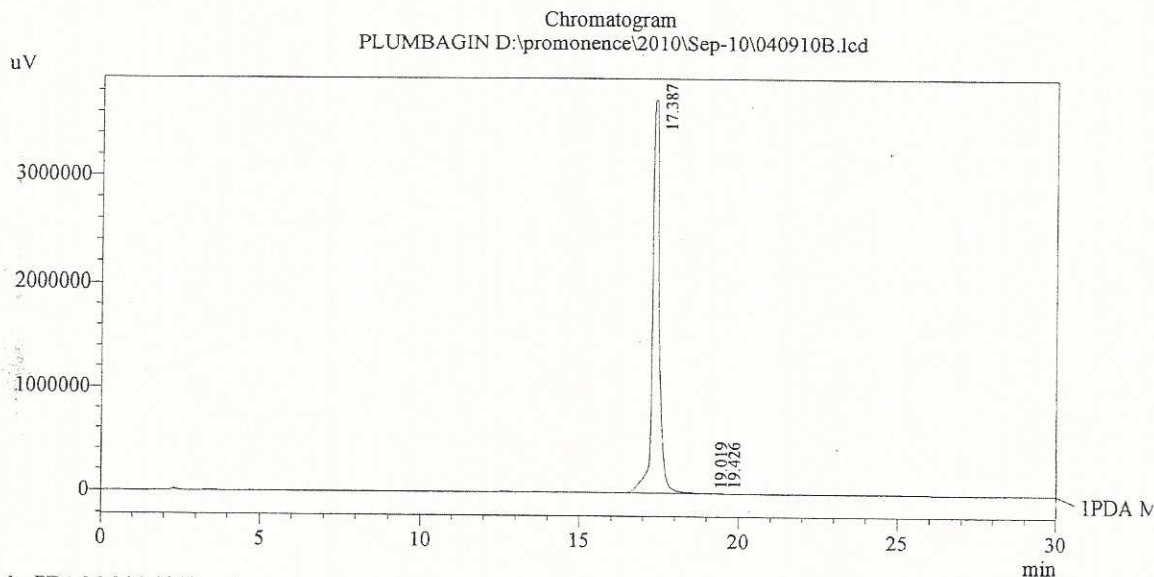
e-mail: chemical@indofinechemical.com

Cat. No.: P-005
Product: Plumbagin
Lot No.: 98027

Date Acquired : 9/4/2010 4:29:39 PM
Acquired by : Madhuri
Sample Name : PLUMBAGIN
Sample ID : 2gr
Injection Volume : 20 uL
Data Filename : 040910B.lcd
Method Filename : Linear Gradient.M.lcm



Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10



1 PDA Multi 1 / 240nm 4nm

PeakTable

PDA Ch1 240nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	17.387	57368187	3720174	99.982
2	19.019	3565	580	0.006
3	19.426	6729	648	0.012
Total		57378481	3721401	100.000



INDOFINE Chemical Company, Inc.

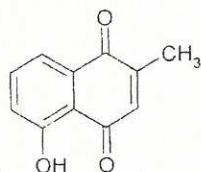
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

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

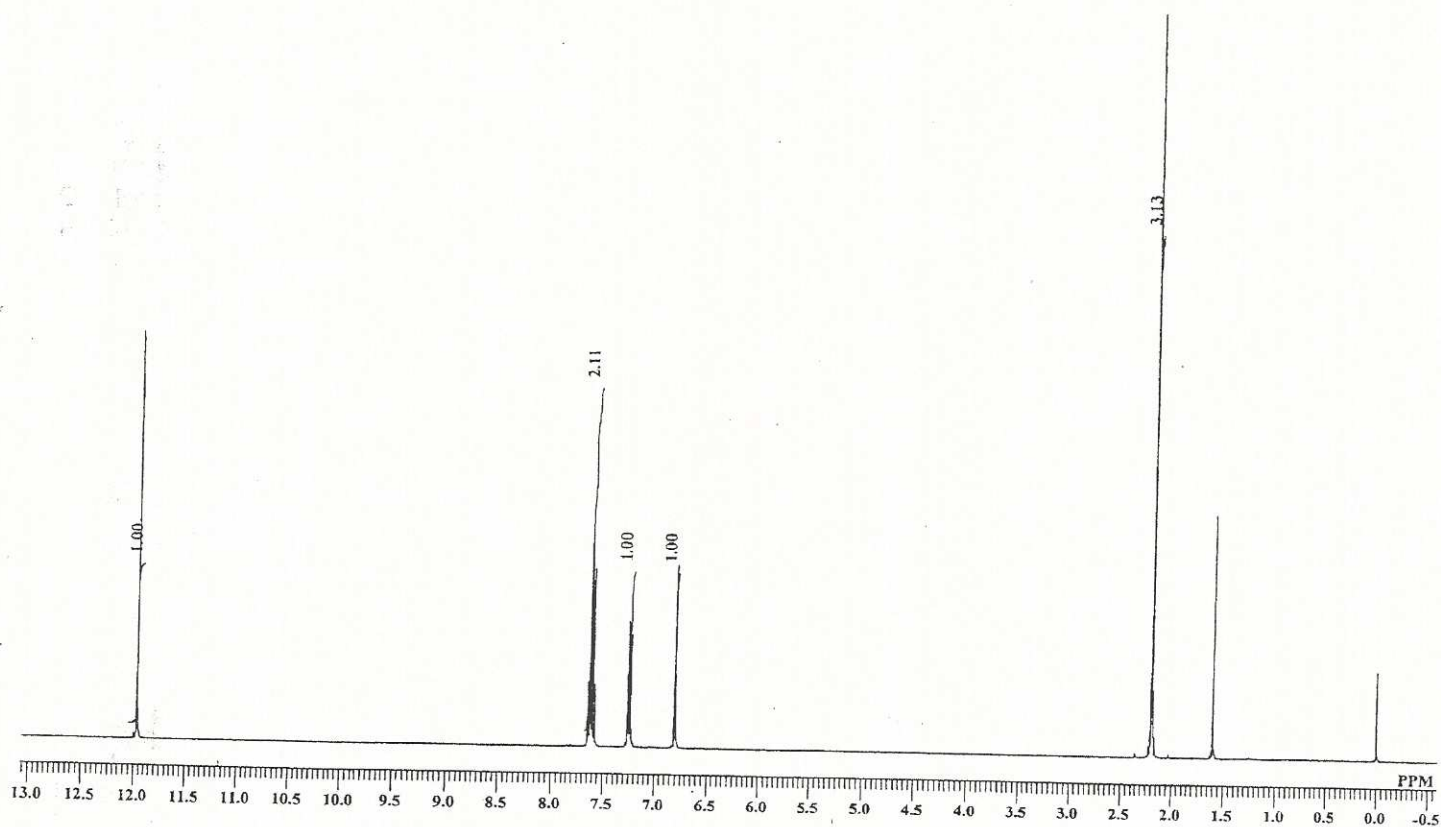
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Cat. No.: P-005
Product: Plumbagin
Lot No.: 98027



PLU-98027 ¹H NMR CDCl₃





INDOFINE Chemical Company, Inc.

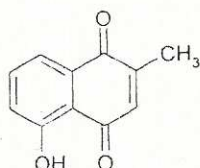
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

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

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Cat. No.: P-005
Product: Plumbagin
Lot No.: 98027



PLU-98027 1H NMR CDCl₃

