



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

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CERTIFICATE OF ANALYSIS

Catalog Number: H-001

Product Name: **HARMALINE**

CAS Number: [304-21-2]

Lot Number: 2106565

Chemical Formula: $C_{13}H_{14}N_2O$

Molecular Weight: 214.27

Melting Point: 233-235°C

Appearance: Off-white powder

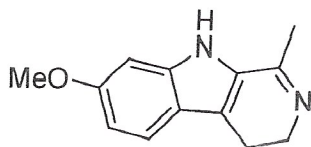
Solubility: Soluble in DMSO

Water Content: 0.25%

TLC: Chloroform:Methanol (8:2)

Storage: Store in a cool, dry place

Purity(HPLC): 99.33%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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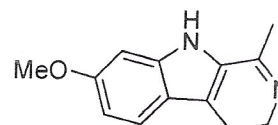
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HPLC ANALYSIS

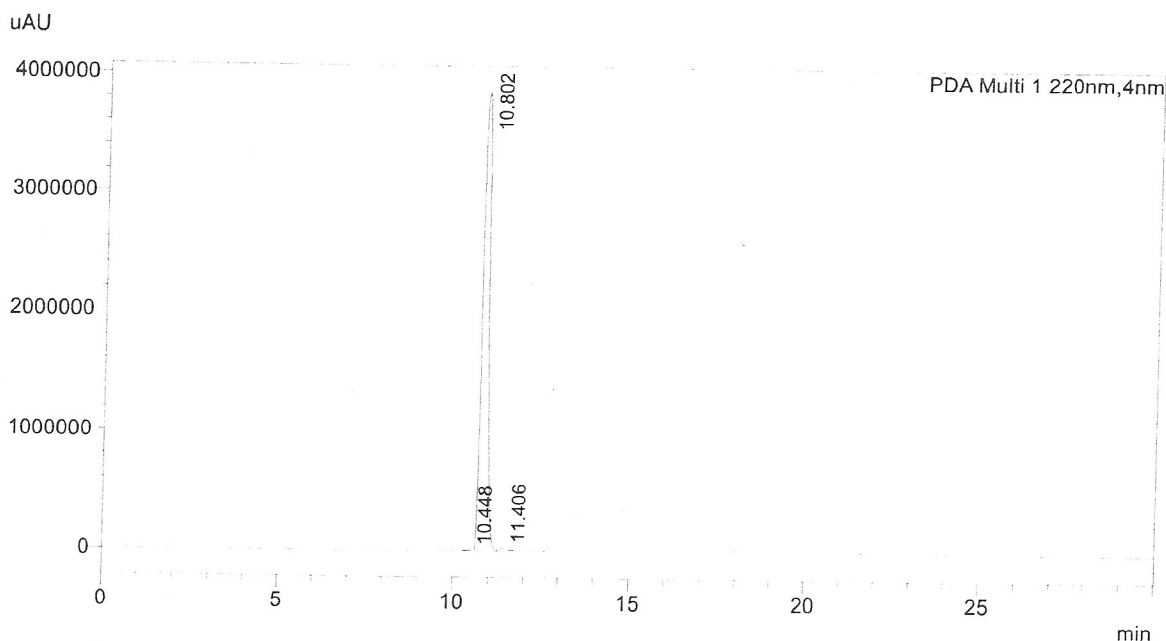
Sample ID :
Data Filename : 03062021015.lcd
Method Filename : General Method (A-C).lcm
Vial # : 1-1
Injection Volume : 20 uL

Catalog No.: H-001
Product Name: Harmaline
Lot No.: 2106565



Column: Inertsil ODS-3V : 250 x 4.6mm, 5u

<Chromatogram>



<Peak Table>

PDA Ch1 220nm

Peak#	Name	Ret. Time	Area	Area%	Relative Retention Time
1		10.448	47515	0.092	0.967
2		10.802	51429768	99.334	1.000
3		11.406	297471	0.575	1.056
Total			51774754	100.000	

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