



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

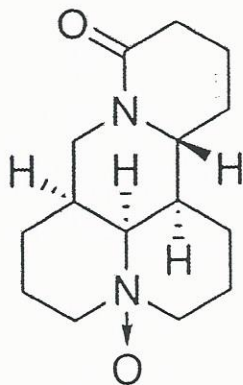
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: 06-024

<u>Product:</u>	OXYMATRINE (Ammothamnine)
<u>CAS Number:</u>	[16837-52-8]
<u>Lot Number:</u>	0406224
<u>Chemical Formula:</u>	$C_{15}H_{24}N_2O_2$
<u>Molecular Weight:</u>	264.37
<u>Melting Point:</u>	164-166°C
<u>Appearance:</u>	White crystalline powder
<u>TLC:</u>	Chloroform:Methanol (9:1) (Iodine)
<u>Solubility:</u>	Soluble in chloroform
<u>Storage:</u>	Cool dry place
<u>Purity:</u>	99.73%





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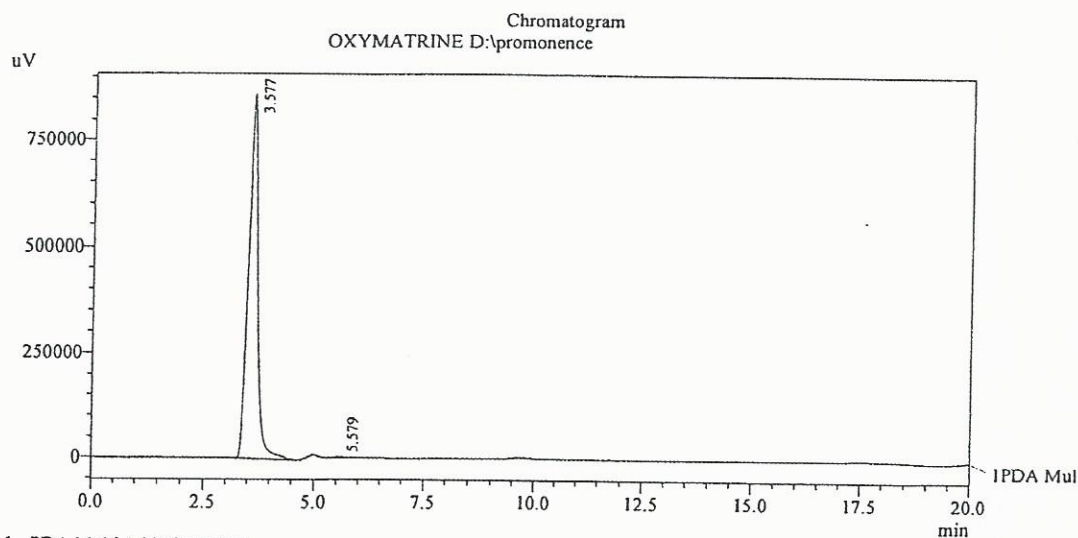
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HPLC ANALYSIS

Acquired by : Madhuri
Sample Name : OXYMATRINE
Sample ID : Lot No. : 0406224
Injection Volume : 20 uL
Data Filename : 200111D.lcd
Method Filename : Linear Isocratic.M.lcm

Cat. No.: 06-024
Product name: Oxymatrine
Lot No.: 0406224

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 0.500ML/min.
Mobile Phase : A(20% of 0.05% TFA) B(80% of ACN)



1 PDA Multi I / 220nm 4nm

PeakTable

PDA Ch1 220nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	3.577	12729260	861056	99.738
2	5.579	33491	2634	0.262
Total		12762751	863689	100.000