



INDOFINE Chemical Company, Inc.

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

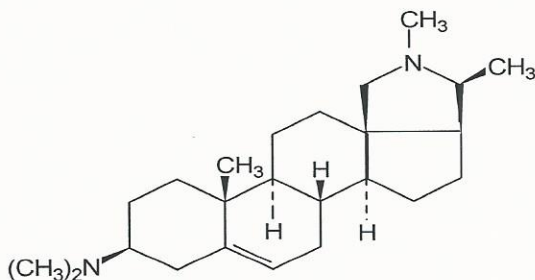
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

<u>Catalog Number:</u>	C-003
<u>Product Name:</u>	CONESSINE (Nerine, Roquessine, Wrightine)
<u>Cas Number:</u>	[546-06-5]
<u>Lot Number:</u>	1510684
<u>Chemical Formula:</u>	C ₂₄ H ₄₀ N ₂
<u>Molecular Weight:</u>	356.59
<u>Melting Point:</u>	122-124°C
<u>Appearance:</u>	White crystalline powder
<u>TLC:</u>	Chloroform : methanol (9:1)
<u>NMR Spectrum:</u>	Enclosed (conforms to the structure)
<u>Moisture (KF)</u>	0.34%
<u>Storage:</u>	Store in a cool, dry place. Protected from light.
<u>Purity(HPLC):</u>	99.43%





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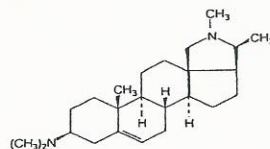
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HPLC ANALYSIS

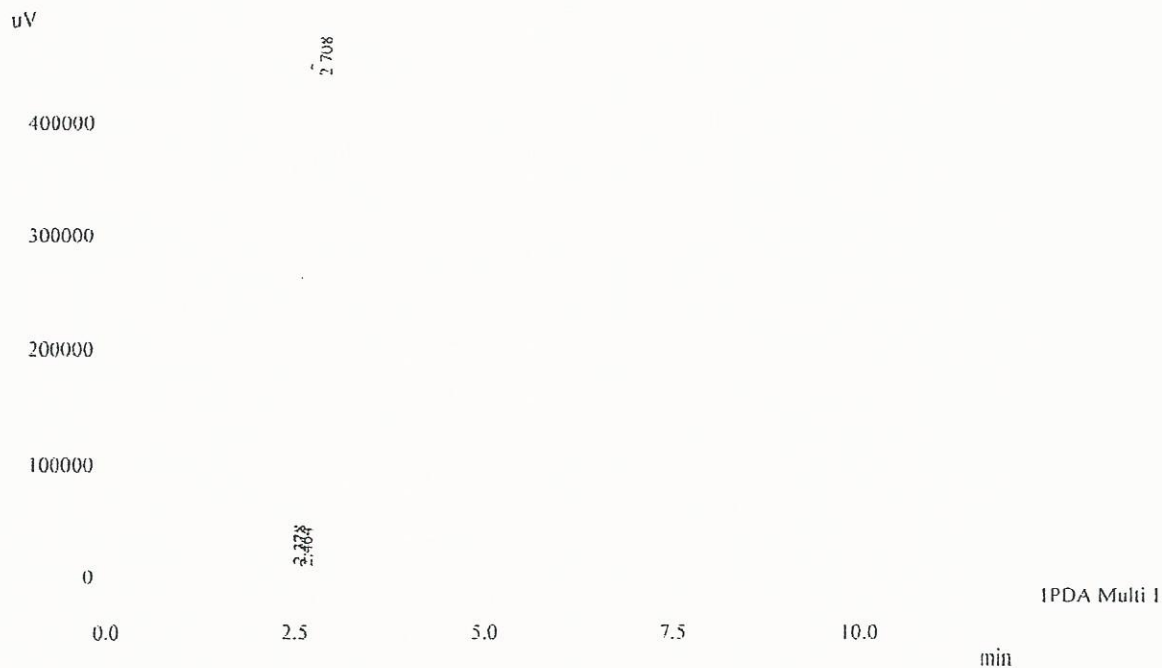
Acquired by : Admin
Sample Name : Conessine
Sample ID : 400 gm
Injection Volume : 20 uL
Data Filename : 061015D.lcd
Method Filename : Linear Isocratic M.lcm

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Lot No.: 1510684



Column : LUNA C-18(2), (250mm x 4.6mm 5.0µ)
Flow : 1.000 mL/min.
Mobile Phase : A(50% of 0.1% Perchloric acid in water) B(50% of Acetonitrile)

Chromatogram



1 PDA Multi 1 / 200nm 4nm

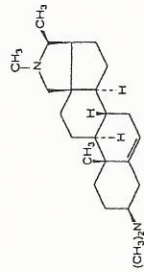
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.378	2.378	18293	0.44	0.88
2	RT:2.464	2.464	5471	0.13	0.91
3	Conessine	2.708	4174709	99.43	1.00
Total			4198473	100.00	



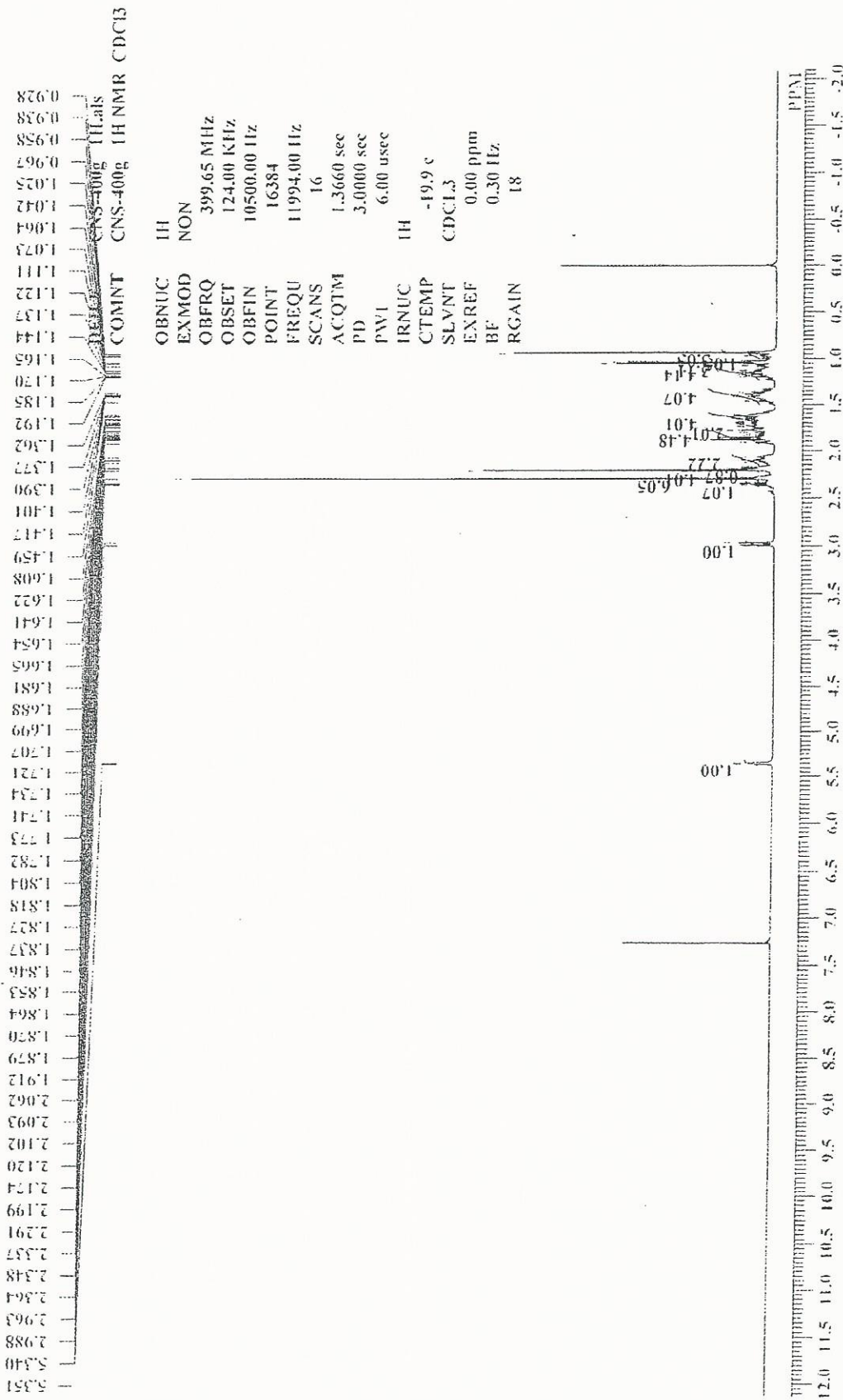
INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: C-003
Product Name: Conessine
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¹H NMR CDC13

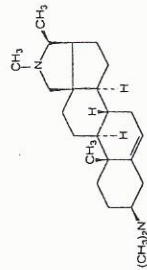
Analysed By : CHR





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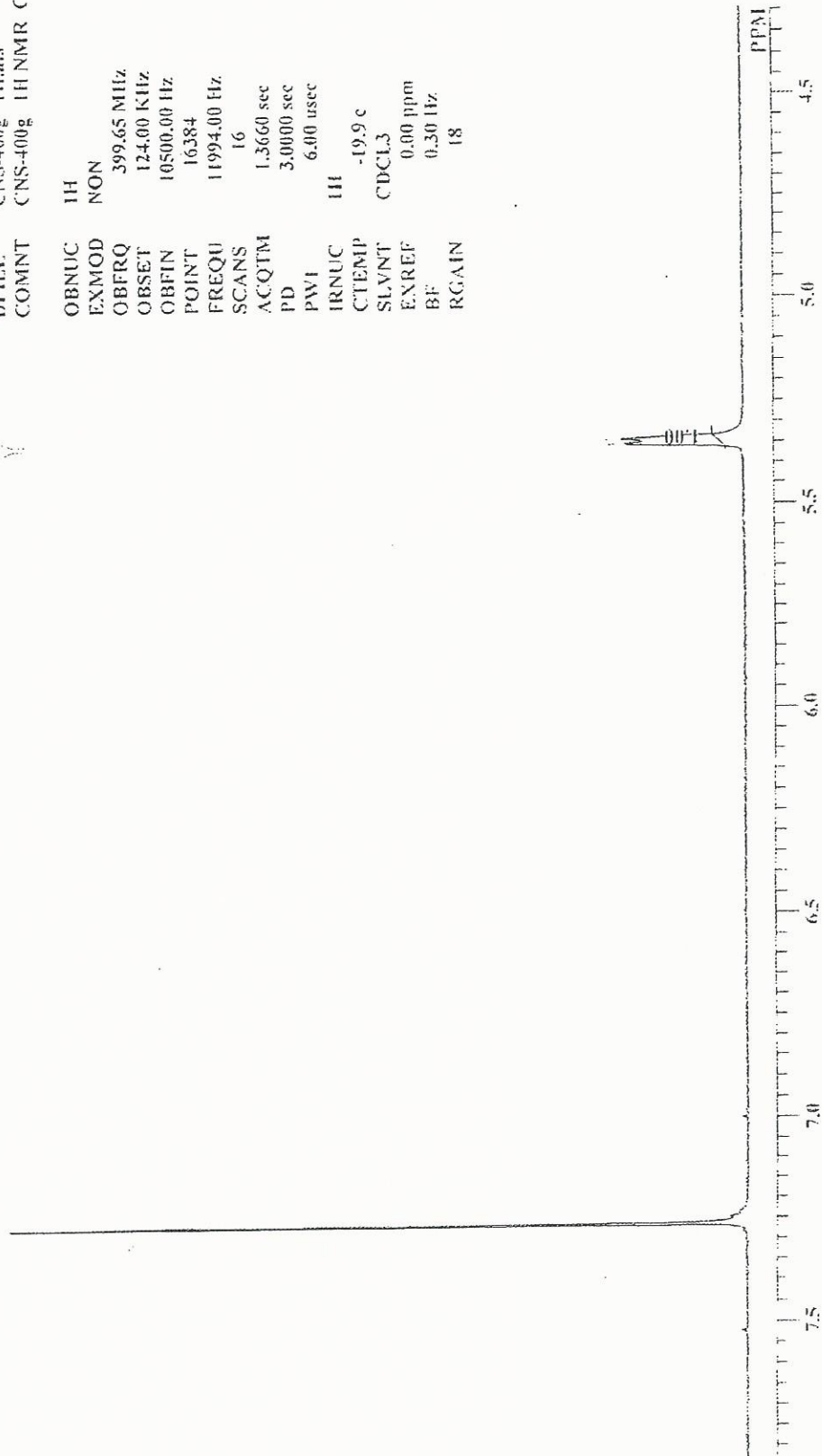


¹H NMR CDCl₃

Analysed By: C'HR

5.251
5.140

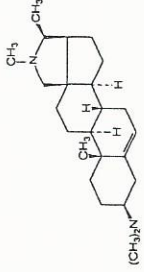
DFILE	CNS-400g 1H.als
COMNT	CNS-400g 1H NMR CDCl ₃
OBNUC	1H
EXMOD	NON
OBFRQ	399.65 MHz
OBSET	124.00 KHz
OBFIN	10500.00 Hz
POINT	16384
FREQ	11994.00 Hz
SCANS	16
ACQTM	1.3660 sec
PD	3.0000 sec
PWI	6.00 usec
IRNUC	1H
CTEMP	-19.9 c
SLVNT	CDCl ₃
EXREF	0.00 ppm
BF	0.30 Hz
RGAIN	18





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¹H NMR CDCl₃

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