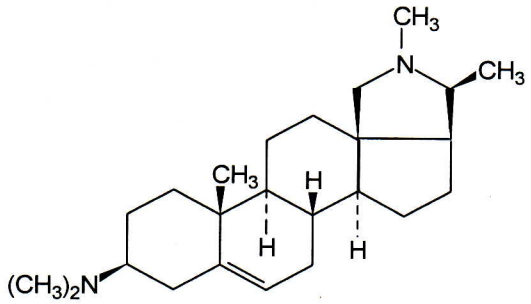
INDOFINE Chemical Company, Inc.

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.: C-003

Product:	**CONESSINE** (Nerine, Roquessine, Wrightine)
Cas Number:	[546-06-5]
Lot Number:	1010082
Chemical Formula:	$C_{24}H_{40}N_2$
Molecular Weight:	356.59
Melting Point:	120-122°C
Source:	From Holarrhena antidysentrica seeds
Appearance:	White crystalline powder
TLC:	Chloroform : methanol (9:1)
Solubility:	Gives a clear solution in Chloroform
Storage:	Cool dry place
Purity:	97+%



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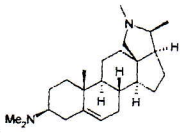
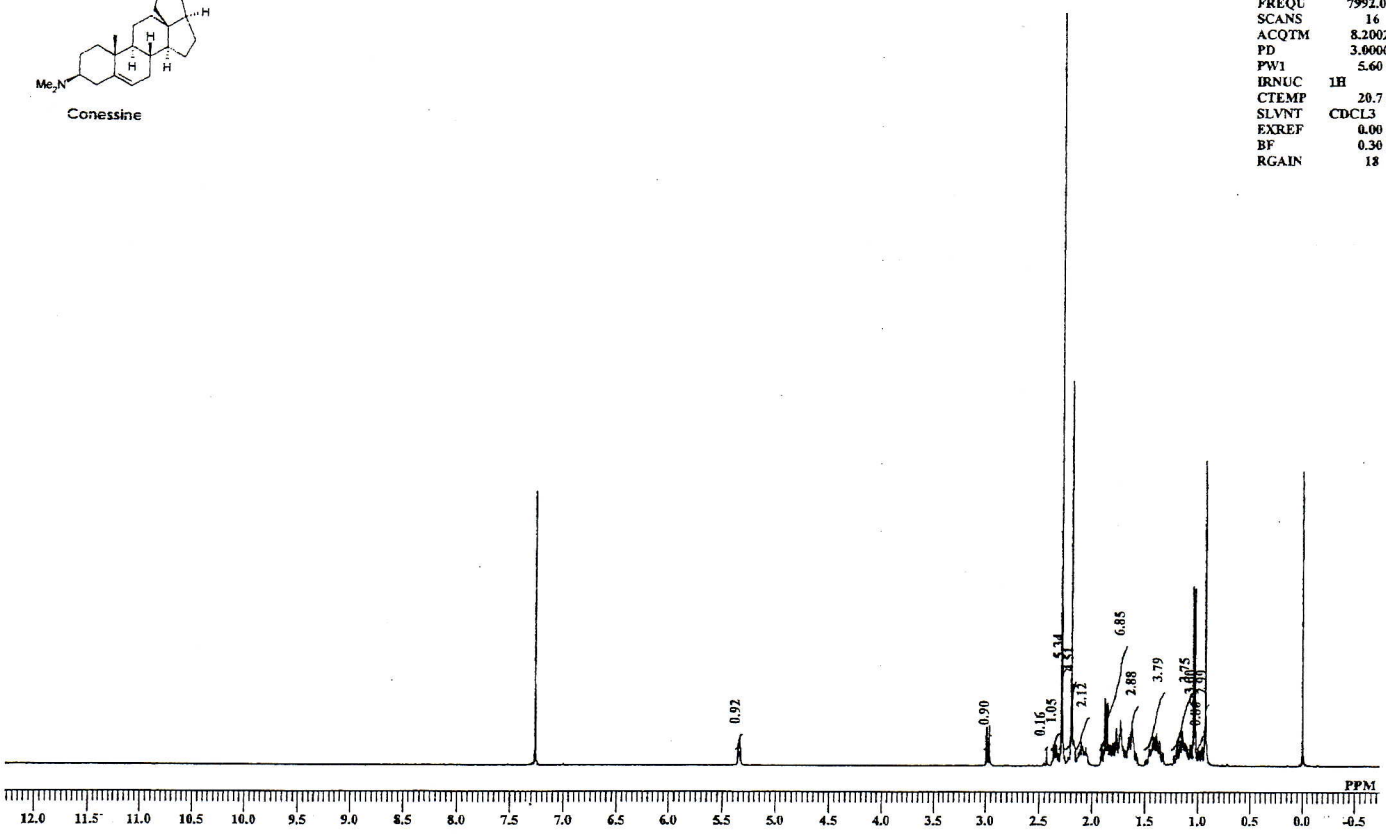
Cat. No.: C-003
Product: Conessine
Lot No.: 1010082

CNS-1.45Kg Lot 1H NMR CDCl3



Conessine

DFILE	CNS-1.45Kg Lot.als
COMNT	CNS-1.45Kg Lot 1H
DATIM	Fri Oct 08 19:52:34 2
OBNUC	1H
EXMOD	NON
OBFRQ	399.65 MHz
OBSET	124.00 KHz
OBFIN	10500.00 Hz
POINT	65536
FREQU	7992.01 Hz
SCANS	16
ACQTM	8.2002 sec
PD	3.0000 sec
PW1	5.60 usec
IRNUC	1H
CTEMP	20.7 c
SLVNT	CDCL3
EXREF	0.00 ppm
BF	0.30 Hz
RGAIN	18



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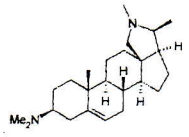
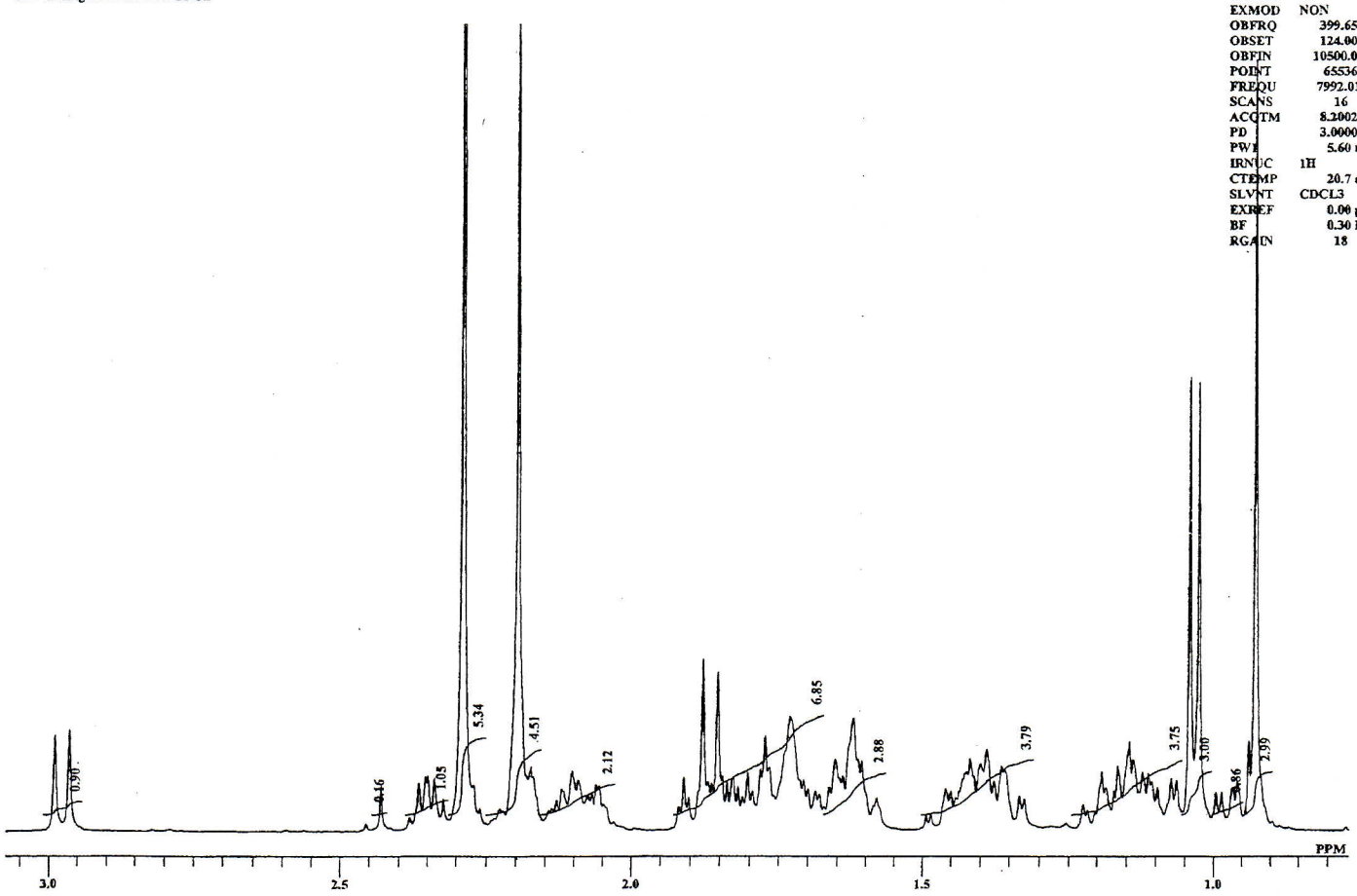


Conessine

Cat. No.: C-003
Product: Conessine
Lot No.: 1010082

CNS-1.45Kg Lot 1H NMR CDCl3



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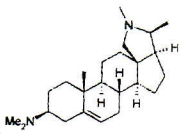


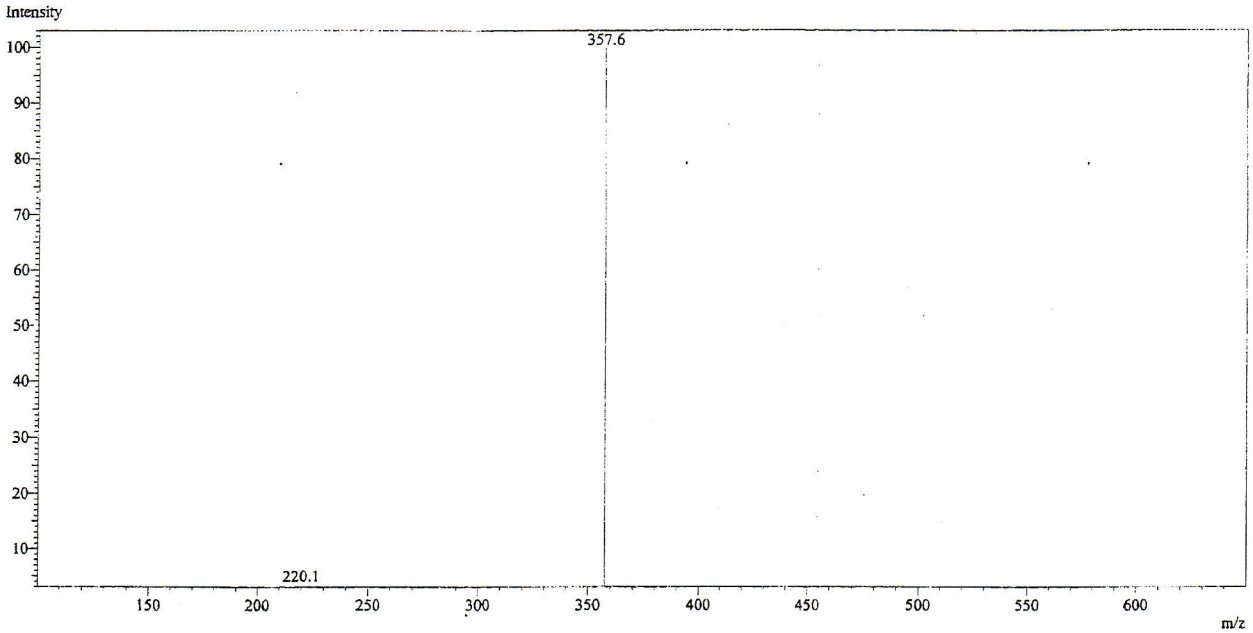
Conessine

Cat. No.: C-003
Product: Conessine
Lot No.: 1010082

Sample Information
Sample Name : CNS
Sample ID : -
Data File : CNS-01.lcd
Method File : Test1(ESI).lcm
Acquired by : YRB
Date Acquired : 10/8/2010 6:43:55 PM

MS Spectrum Graph

Probe : ESI
Polarity:Pos



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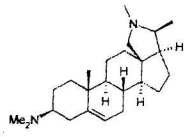

Conessine

Cat. No.:	C-003
Product:	Conessine
Lot No.:	1010082

Model	P-1030 (A017560639)
Date	10/8/2010 6:57:07PM
Operator	GMR
Sample	CNS-1.45kg Lot
Comment	C=1%W/V in ETHANOL
Mode	Specific O.R.
Light	Na
Wavelength	589nm
Cell path	100.00 mm
Concentration	0.9540 w/v%
Factor	1.0000
Blank	0.0043 deg
Interval	5 sec
Integration	5 sec
Average	21.6583
S.D.	0.0465
C.V.	0.2148 %

No.	Sample No	Data	Temp.
1	1(1/ 5)	21.604	20.0
2	1(2/ 5)	21.635	20.2
3	1(3/ 5)	21.667	20.4
4	1(4/ 5)	21.656	20.5
5	1(5/ 5)	21.730	20.7