

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:

1204211

Chemical Formula:

$C_{24}H_{40}N_2$

Molecular Weight:

356.59

Melting Point:

117-119°C

Source:

From *Holarrhena antidysentrica* seeds

Appearance:

White powder

TLC:

Chloroform : methanol (9:1)

Solubility:

Soluble in chloroform

Storage:

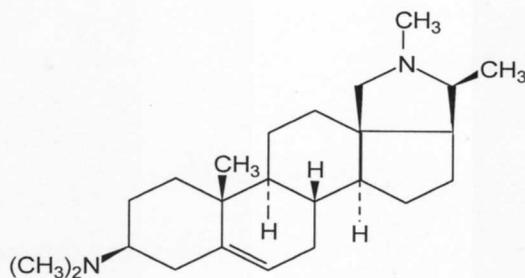
Cool dry place

Moisture (KF)

0.42%

Assay(HPLC):

99.38%





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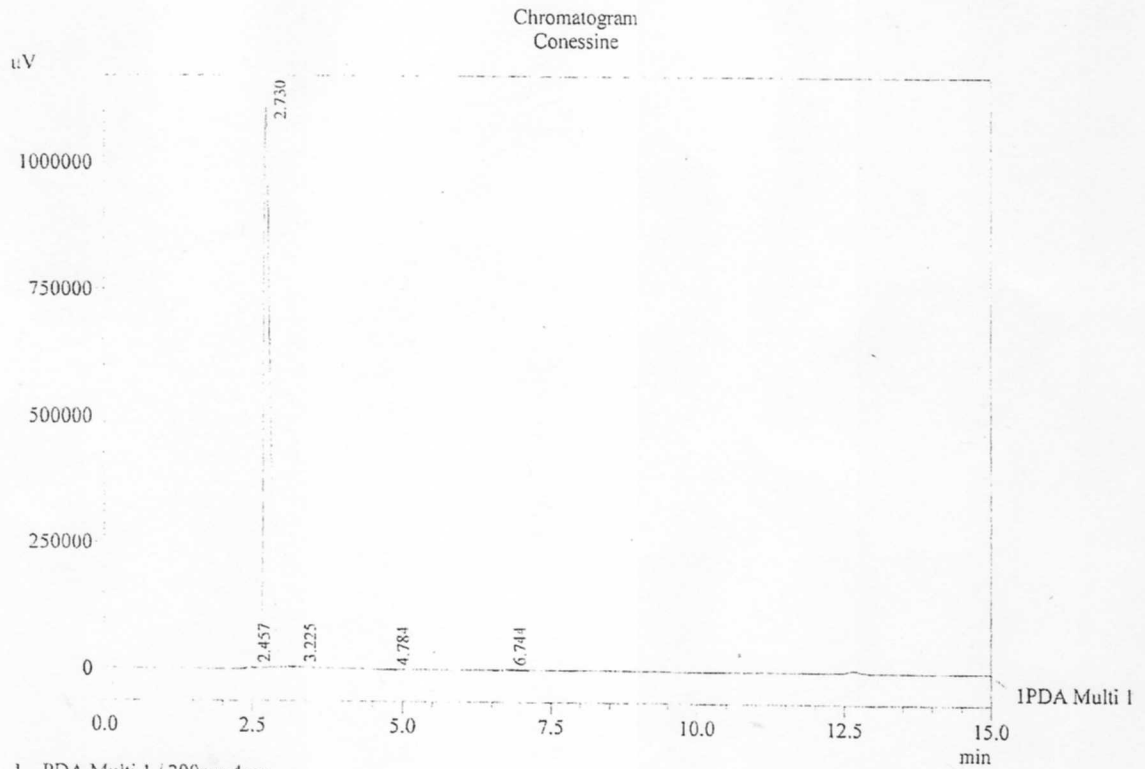
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : Conessine
Sample ID : 295 gms Lot
Injection Volume : 20 uL
Data Filename : 230412A.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: C-003
Product name: Conessine
Lot No.: 1204211

Date Acquired : 4/23/2012 10:27:42 AM
Date Processed : 4/23/2012 11:17:54 AM
Column : Phenomenex C-18, 250X4.6mm 5.0µm
Flow : 1.000ML/min.
Mobile Phase : A(50% of 0.1% Perchloric acid) B(50% of Acetonitrile)



1 PDA Multi 1 / 200nm 4nm

PeakTable

PDA Ch1 200nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.457	2.457	18889	0.23	0.90
2	Conessine	2.730	8295213	99.38	1.00
3	RT:3.225	3.225	4476	0.05	1.18
4	RT:4.784	4.784	4072	0.05	1.75
5	RT:6.744	6.744	24485	0.29	2.47
Total			8347135	100.00	

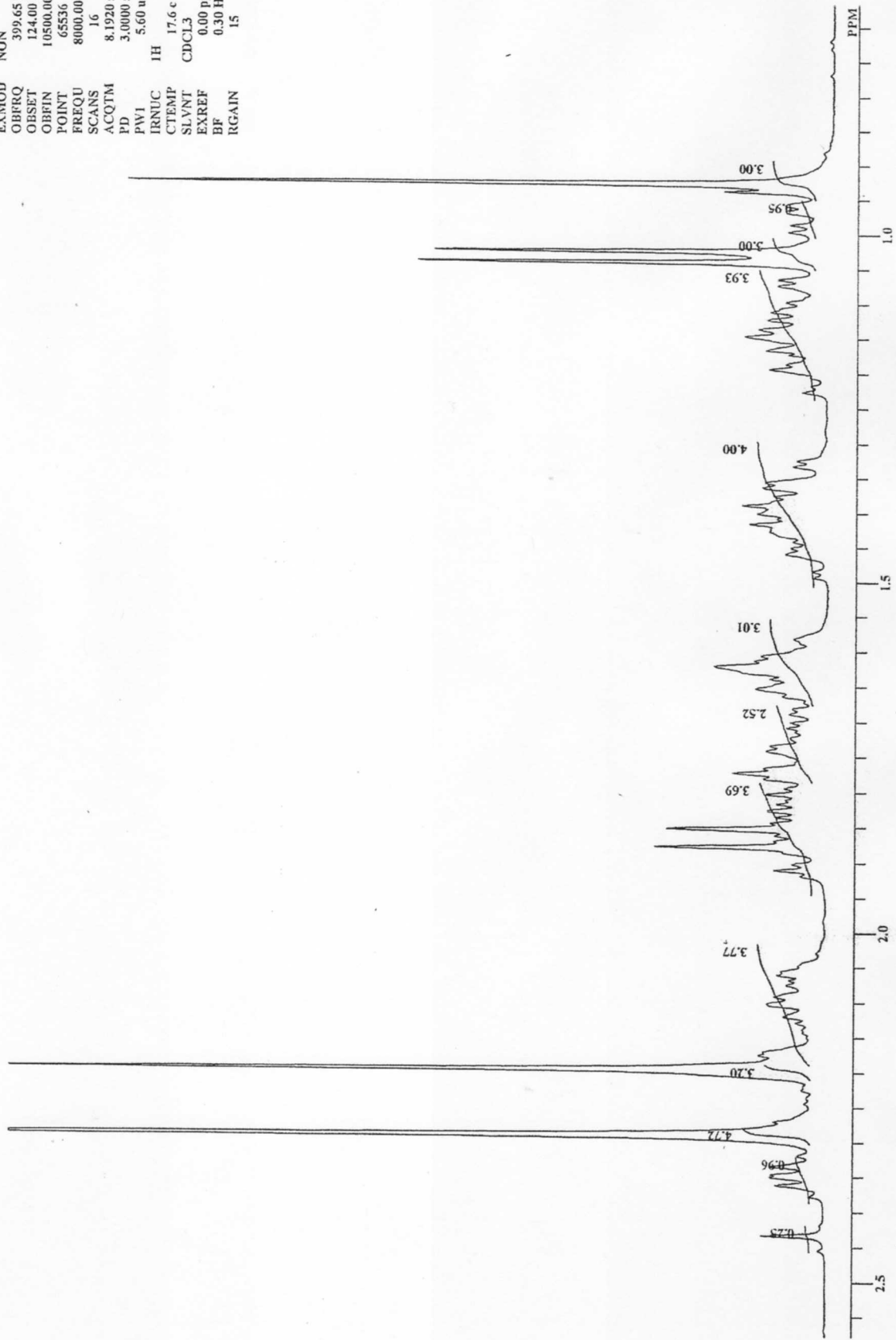


INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: C-003
Product name: Conessine
Lot No.: 1204211

DFILE CNS 290gr.als
COMNT CNS 290gr. 1H NMR CDC13
DATIM Mon Apr 23 13:00:13 2012
OBNUC 1H
EXMOD NON
OBFREQ 399.65 MHz
OBSET 124.00 KHz
OBFIN 10500.00 Hz
POINT 65536
FREQU 80000.00 Hz
SCANS 16
ACQTM 8.1920 sec
PD 3.0000 sec
PW1 5.60 usec
IRNUC 1H
CTEMP 17.6 c
SLVNT CDCL3
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 15

CNS 290gr 1H NMR CDC13





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Catalog No.: C-003
Product name: Conessine
Lot No.: 1204211

CNS 290gr 1H NMR CDCl3

DFILE CNS 290gr.ads
COMNT CNS 290gr 1H NMR CDCl3
DATIM Mon Apr 23 13:00:13 2012
OBNUC 1H
EXMOD NON
OBFRQ 399.65 MHz
OBSET 124.00 KHz
OBFIN 10500.00 Hz
POINT 65536
FREQU 8000.00 Hz
SCANS 16
ACQTM 8.1920 sec
PD 3.0000 sec
PWI 5.60 uscc
IRNUC 1H
CTEMP 17.6 c
SLVNT CDCl3
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 15

