



# 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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

Catalog Number: C-003

Product Name: **CONESSINE**  
(Nerine, Roquessine, Wrightine)

Cas Number: [546-06-5]

Lot Number: 1810142

Chemical Formula: C<sub>24</sub>H<sub>40</sub>N<sub>2</sub>

Molecular Weight: 356.59

Melting Point: 122-123.8°C

Appearance: White crystalline powder

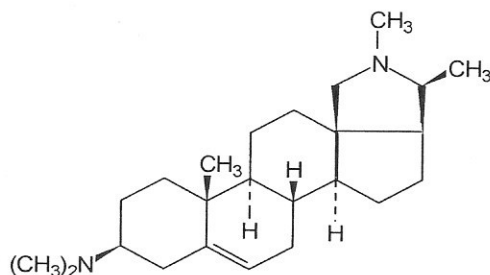
TLC: Chloroform : methanol (9:1)

NMR Spectrum: Enclosed (conforms to the structure)

Moisture (KF) 0.32%

Storage: Store in a cool, dry place. Protect from light.

Purity(HPLC): 99.21%



Prepared by:  
Ramesh Mandadi  
Ramesh Mandadi  
Director of Operations

Reviewed and approved by:  
Sujata Moton  
S. Moton  
VP



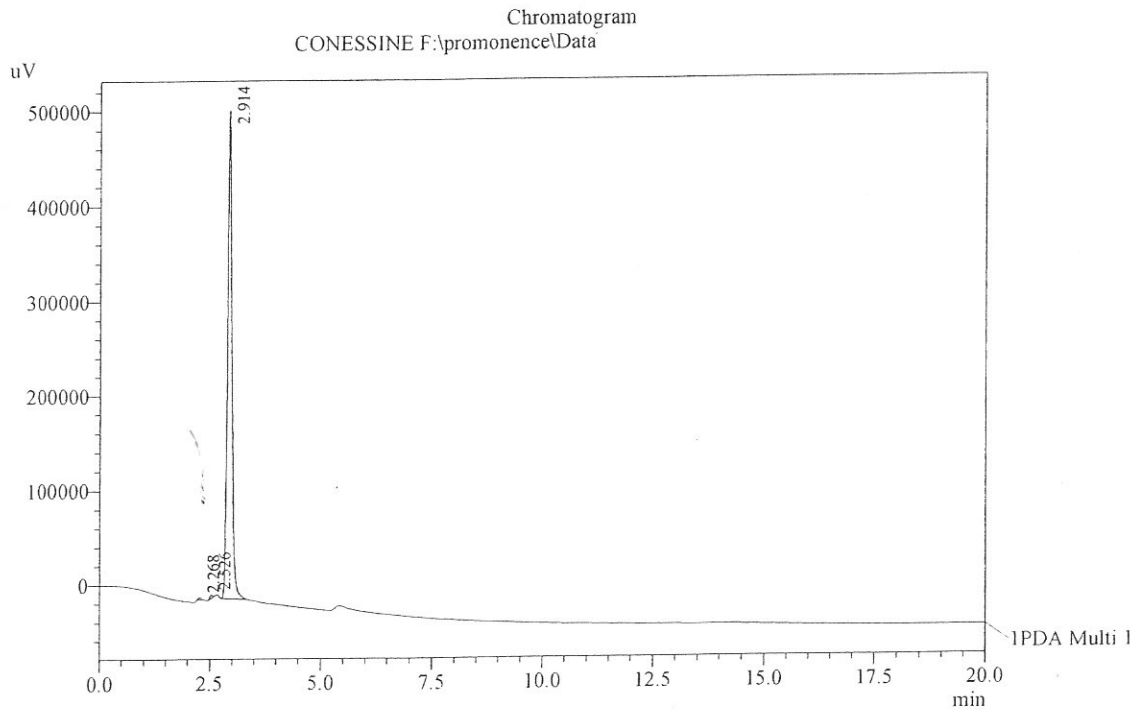
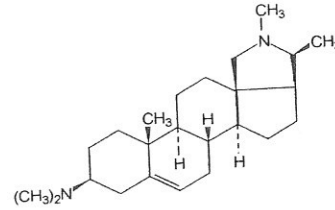
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## HPLC ANALYSIS

Acquired by : Admin  
Sample Name : CONESSINE  
Sample ID : #250 gm-Lot  
Injection Volume : 20 uL  
Data Filename : 081018J.lcd  
Method Filename : Isocratic Method-New.lcm  
Report Filename : Default.lcr

Catalog No.: C-003  
Product Name: Conessine  
Lot No.: 1810142



1 PDA Multi 1 / 200nm 4nm

PeakTable

PDA Ch1 200nm 4nm

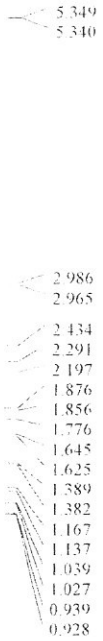
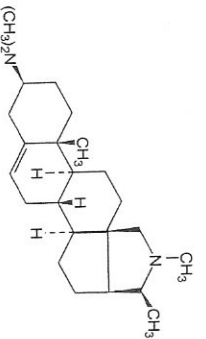
Peak#	Name	Ret. Time	Height	Area %	Relative Retention Time
1		2.268	2163	0.27	0.00
2	RT:2.653	2.526	4131	0.53	0.00
3	RT:2.914	2.914	516084	99.21	0.00
Total			522378	100.00	

Prepared by:  
Ramesh Mandadi  
Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
Sujata Moton  
Sujata Moton  
VP



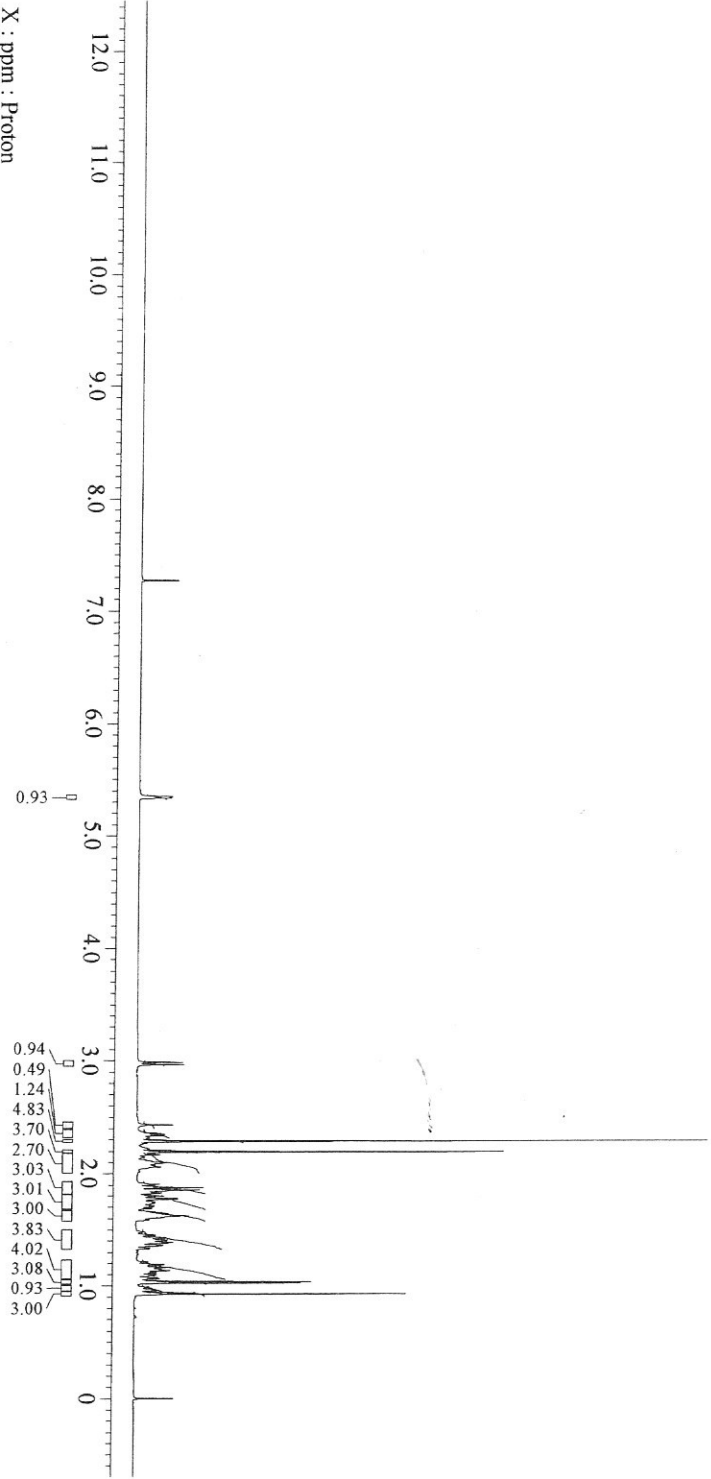
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 HILLSBOROUGH, NJ 08844



---- PROCESSING PARAMETERS ----  
 sexp ( 0.21Hz), 0.01s ]  
 trapzoid( 0[%], 0[%], 80[%], 100[%] )  
 zerofill( 1 )  
 fft( 1, TRUE, TRUE )  
 machinephase  
 ppm

Filename = CNS-250.gms  
 Instrument = NMR-500MHz (JEOL)  
 Instrument id = NMR-02  
 Author = Kishore1378  
 Reviewed by = Ranjith  
 Solvent = CHLOROFORM-D  
 Spectrometer = JNM-ECS500R/S1  
 Experiment = proton.jxp

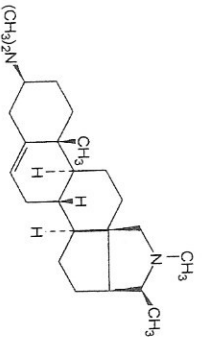
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 X\_Offset = 7.01ppm  
 X\_Sweep = 11.281588451kHz  
 Scans = 16  
 Relaxation\_Delay = 21s]



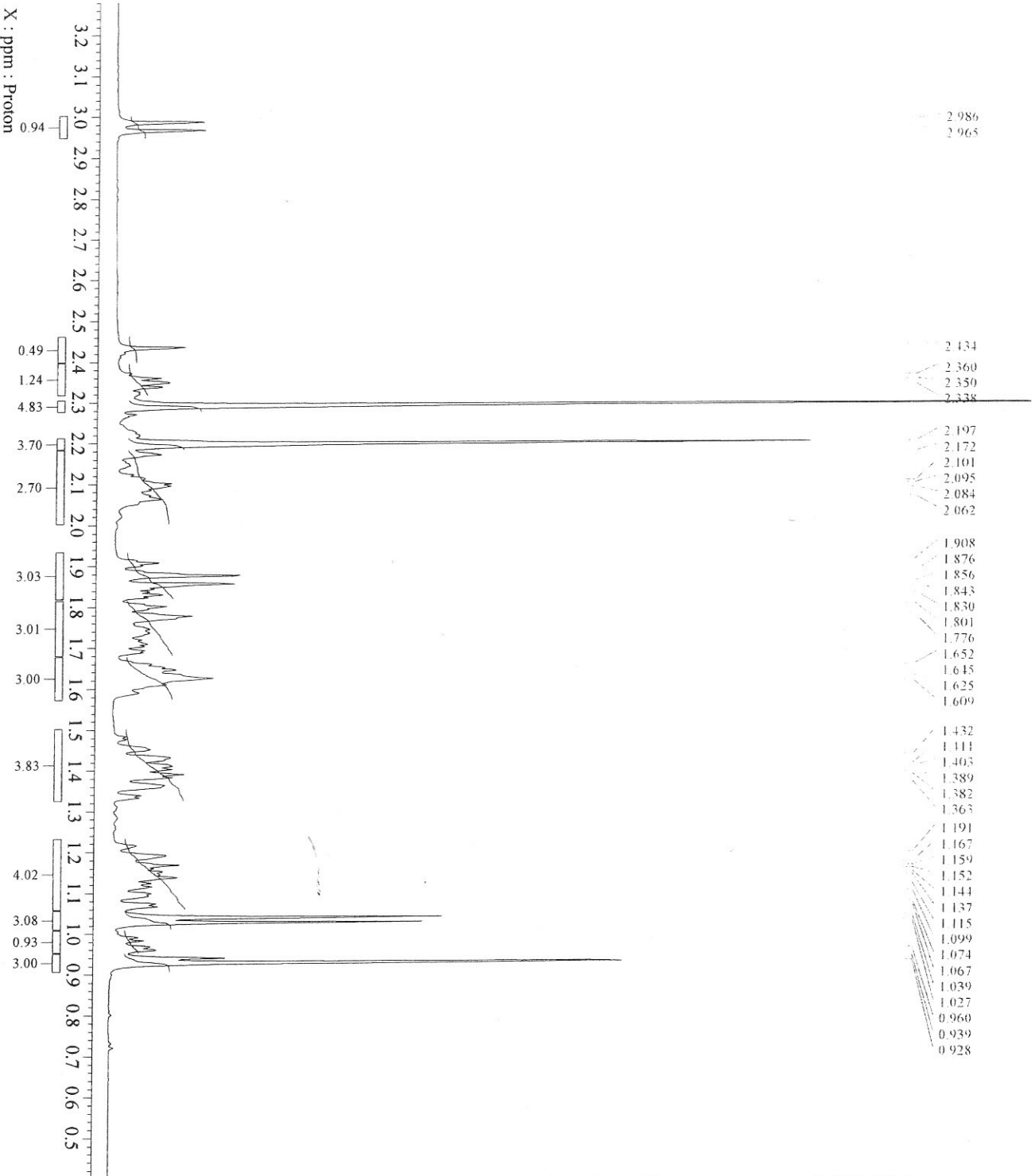
Catalog No.: C-003  
 Product Name: Conessine  
 Lot No.: 1810142



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Catalog No.: C-003  
 Product Name: Conessine  
 Lot No.: 1810142



---- PROCESSING PARAMETERS ----  
 sexp( 0.2[H<sub>2</sub>], 0.0[s] )  
 trapezoid( 0[\*], 0[\*], 80[\*], 100[\*] )  
 zerofill( 1 )  
 fft( 1, TRUE, TRUE )  
 machinphase  
 ppm

Filename = CNS-250.gms  
 Instrument = NMR-500MHz(JEOL)  
 Instrument id = NMR-02  
 Author = Kishore1378  
 Reviewed by = Ranjith  
 Solvent = CDCl<sub>3</sub>  
 Spectrometer = JNM-ECZ500R/S1  
 Experiment = proton\_jxp

Acquisition Parameter  
 X\_Domain = 1H  
 X\_Offset = 7.0[ppm]  
 X\_Sweep = 11.28158845[kHz]  
 Scans = 16  
 Relaxation\_Delay = 2[s]