

**ICG** **INDOFINE Chemical Company, Inc.**

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

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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: 1903220

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

Molecular Weight: 356.59

Melting Point: 121-123.6°C

Appearance: White crystalline powder

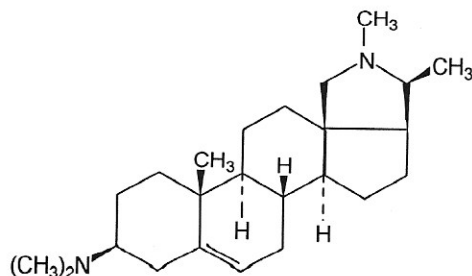
TLC: Chloroform : Methanol (9:1)

NMR Spectrum: Enclosed (conforms to the structure)

Moisture (KF) 0.30%

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

Purity(HPLC): 99.14%



Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

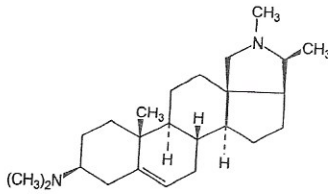
Reviewed and approved by:  
*Sujata Moton*  
S. Moton  
VP



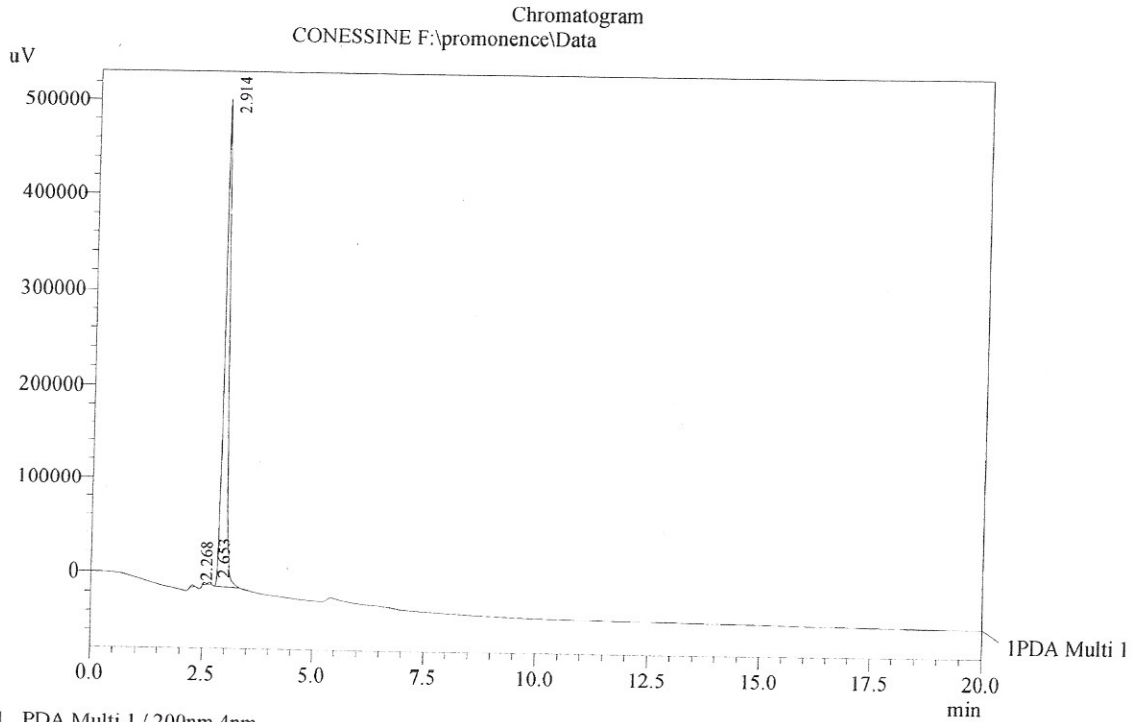
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## HPLC ANALYSIS



Catalog No.: C-003  
Product Name: Conessine  
Lot No.: 1903220



PDA Ch1 200nm 4nm

PeakTable

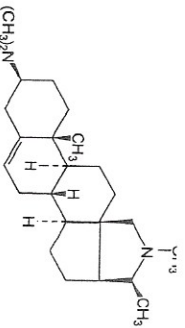
Peak#	Name	Ret. Time	Height	Area %	Relative Retention Time
1		2.268	2163	0.27	0.00
2	RT:2.653	2.653	2432	0.59	0.00
3	RT:2.914	2.914	516084	99.14	0.00
Total			520679	100.00	

Prepared by:  
Ramesh Mandadi  
Ramesh Mandadi  
Director of Operations

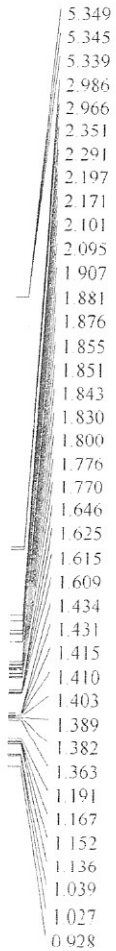
Reviewed and Approved by:  
Sujata Moton  
Sujata Moton  
VP



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



Catalog No.: C-003  
 Product Name: Conessine  
 Lot No.: 1903220



```

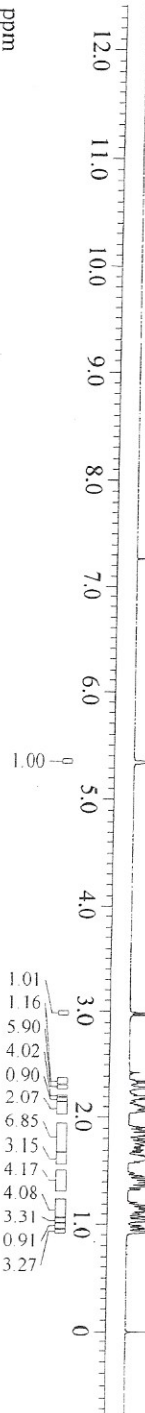
----- PROCESSING PARAMETERS -----
sexp ( 0.31[Hz], 0.0[s] )
trapzoid ( 0[%], 0[%], 80[%], 100[%] )
zerofill ( 4 )
fft ( 1, TRUE, TRUE )
machinphase
pnm
auto_reference ( 5[%], TRUE )
  
```

```

Instrument      - NMR-500MHz (JEOL)
Instrument Id   - NMR-02
Author         - msnl385
Reviewed by    - Ramesh
Solvent        - CHLOROFORM-D
Spectrometer   - JNM-EC250UR/SI
Experiment     - proton.jxp
  
```

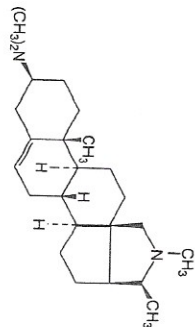
```

Acquisition Parameter
X Domain       = 1H
X_Offset       = 7.01[ppm]
X_Sweep        = 11.281588445[kHz]
Scans          = 16
Relaxation_Delay = 2[s]
  
```

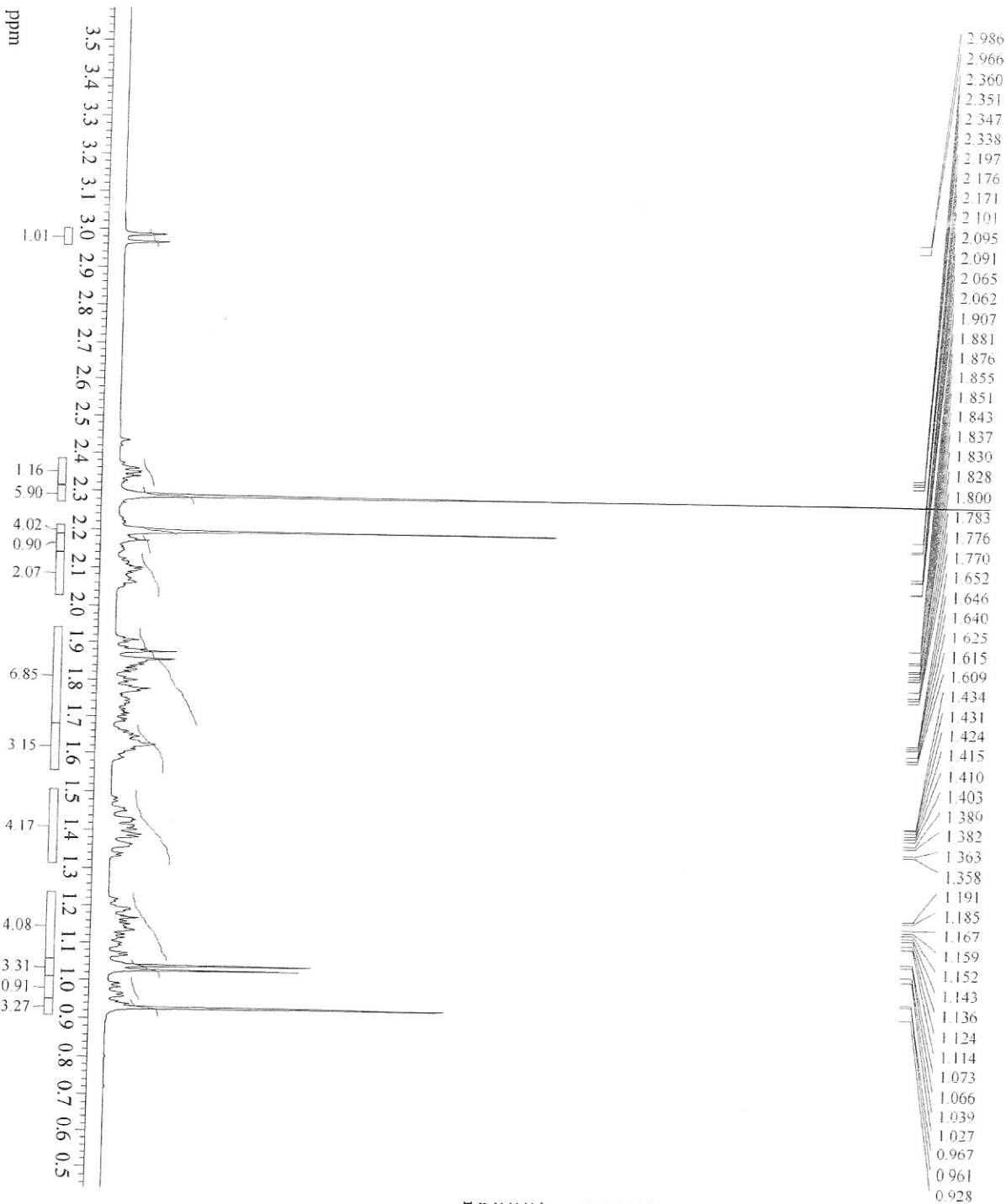




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Catalog No.: C-003  
 Product Name: Conessine  
 Lot No.: 1903220



```

---- PROCESSING PARAMETERS ----
sexp ( 0.31Hz, 0.0[s] )
trapezoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 4 )
fft( 1, TRUE, TRUE )
machinphase
ppm
auto_reference ( 51[%], TRUE )

```

```

Instrument      - NMR-500MHz (JEOL)
Instrument id   - NMR-02
Author         - msn1385
Reviewed by    - Ramesh
Solvent        - CHLOROFORM-D
Spectrometer   - JNM-ECZ500R/S1
Experiment     - proton_jfp

```

```

Acquisition Parameter
X_Domain        = 1H
X_Offset        = 7.01ppm
X_Sweep         = 11.28158845 [kHz]
Scans           = 16
Relaxation_Delay = 2[s]

```