

ICG **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

Catalog Number: C-003

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

Cas Number: [546-06-5]

Lot Number: 1908294

Chemical Formula: C₂₄H₄₀N₂

Molecular Weight: 356.59

Melting Point: 123-125°C

Appearance: White crystalline powder

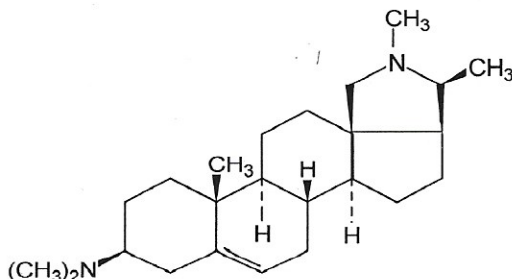
TLC: Chloroform : Methanol (9:1)

NMR Spectrum: Enclosed (conforms to the structure)

Moisture (KF) 0.31%

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

Purity(HPLC): 99.64%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and approved by:
Sujata Moton
S. Moton
VP



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30

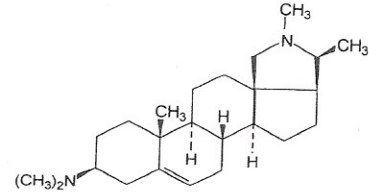
Hillsborough, NJ 08844 USA

Phone: (908) 359-6778; Fax: (908) 359-1179

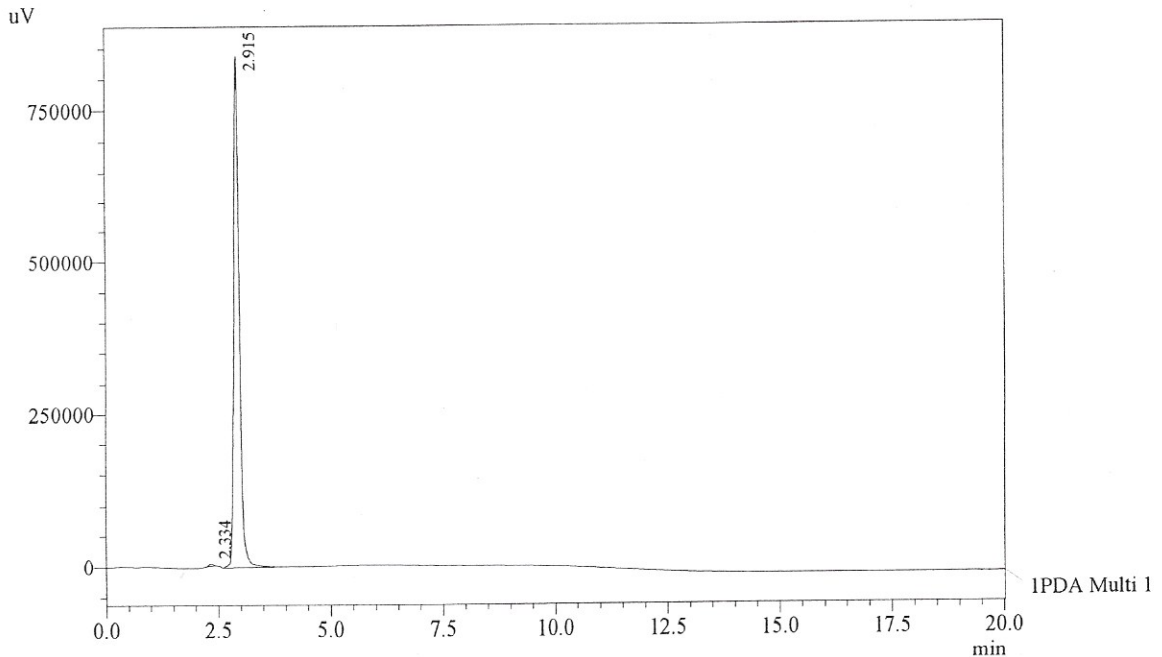
HPLC ANALYSIS

Acquired by : Admin
Sample Name : Conessine
Sample ID : 500 gm
Injection Volume : 20 uL
Data Filename : 130819B.lcd
Method Filename : Isocratic Method-New.lcm
Report Filename : Default.lcr

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Chromatogram



I PDA Multi 1 / 200nm 4nm

PeakTable

PDA Ch1 200nm 4nm

Peak#	Name	Ret. Time	Height	Area %	Relative Retention Time
1	RT:2.334	2.334	4364	0.36	0.80
2	RT:2.915	2.915	838168	99.64	1.00
Total			842531	100.00	

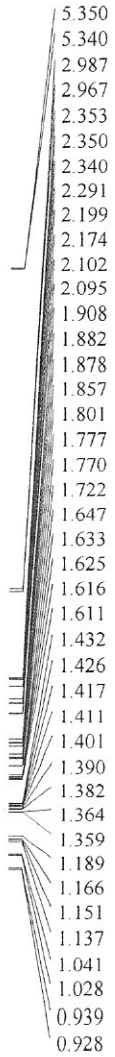
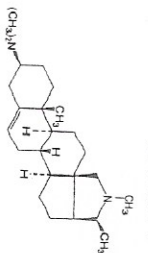
Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



INDOFINE Chemical Company, Inc.
 121 STRYKER LANE
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 HILLSBOROUGH, NJ 08844

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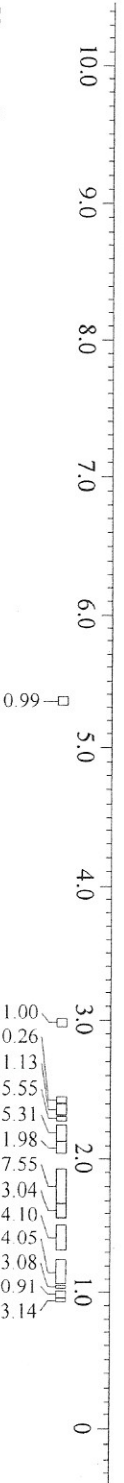
----- PROCESSING PARAMETERS -----
sexp ( 0.2[Hz], 0.0[ss] )
trapzoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 1 )
fft( 1, TRUE, TRUE )
machinephase
ppm
auto_reference( 5[%], TRUE )
  
```

```

Instrument      = NMR-500MHz(JEOL)
Instrument id   = NMR-02
Author          = msnl385
Reviewed by    = K1shore
Solvent         = CHLOROFORM-D
Spectrometer   = JNM-BXZ500R/S1
Experiment     = proton_jxp
  
```

```

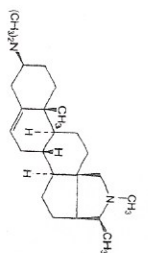
Acquisition Parameter
X_Domain       = 1H
X_Offset       = 7.0[ppm]
X_Sweep        = 11.28158845[kHz]
Scans          = 16
Relaxation_Delay = 2[ss]
  
```





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```

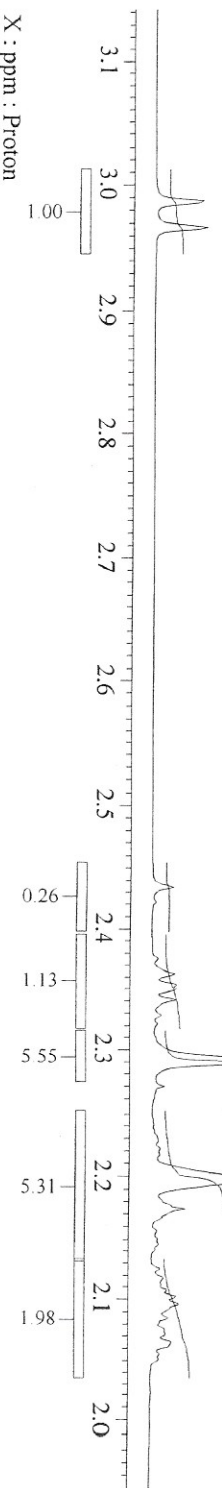
---- PROCESSING PARAMETERS ----
sexp ( 0.2[Hz], 0.0[s] )
trapzoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 1 )
fft( 1, TRUE, TRUE )
machinphase
ppm
auto_reference ( 5[%], TRUE )
  
```

```

Instrument      = NMR-500MHz (JEOL)
Instrument id   = NMR-02
Author         = msn1385
Reviewed by    = Kishore
Solvent        = CHLOROFORM-D
Spectrometer   = JNM-ECZ500R/S1
Experiment     = proton.jxp
  
```

```

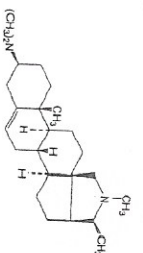
Acquisition Parameter
X_Domain          = 1H
X_Offset         = 7.0[ppm]
X_Sweep          = 11.28158845[kHz]
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1.908
 1.882
 1.878
 1.857
 1.845
 1.838
 1.830
 1.824
 1.801
 1.783
 1.777
 1.770
 1.747
 1.740
 1.735
 1.722
 1.710
 1.703
 1.660
 1.652
 1.647
 1.633
 1.625
 1.616
 1.611
 1.454
 1.451
 1.432
 1.426
 1.417
 1.411
 1.406
 1.401
 1.390
 1.382
 1.370
 1.364
 1.359
 1.189
 1.184
 1.172
 1.166
 1.158
 1.151
 1.145
 1.137
 1.125
 1.115
 1.099
 1.074
 1.066
 1.041
 1.028
 0.983
 0.969
 0.966
 0.961
 0.939
 0.928

```

---- PROCESSING PARAMETERS ----
sexp( 0.2[Hz], 0.0[s] )
trapzoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 1 )
fft( 1, TRUE, TRUE )
machinphase
ppm
auto_reference( 5[%], TRUE )
  
```

```

Instrument      - NMR-500kHz (JEOL)
Instrument id   - NMR-02
Author         - msn1385
Reviewed by    - Kishore
Solvent        - CHLOROFORM-D
Spectrometer   - JNM-ECZ500R/S1
Experiment     - proton.jcp
  
```

```

Acquisition Parameter
X Domain       = 1H
X_Offset       = 7.0 [ppm]
X_Sweep        = 11.28158845 [kHz]
Scans          = 16
Relaxation_Delay = 2 [s]
  
```

