



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)

Gas Number: [546-06-5]

Lot Number: 1708851

Chemical Formula: C₂₄H₄₀N₂

Molecular Weight: 356.59

Melting Point: 121-123°C

Appearance: White crystalline powder

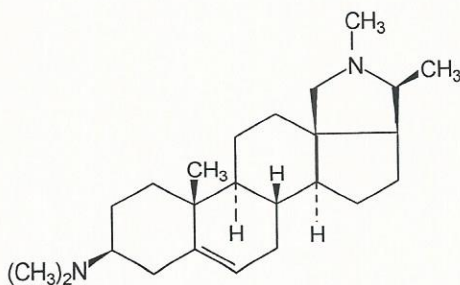
TLC: Chloroform : methanol (9:1)

NMR Spectrum: Enclosed (conforms to the structure)

Moisture (KF) 0.36%

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

Purity(HPLC): 99.24%





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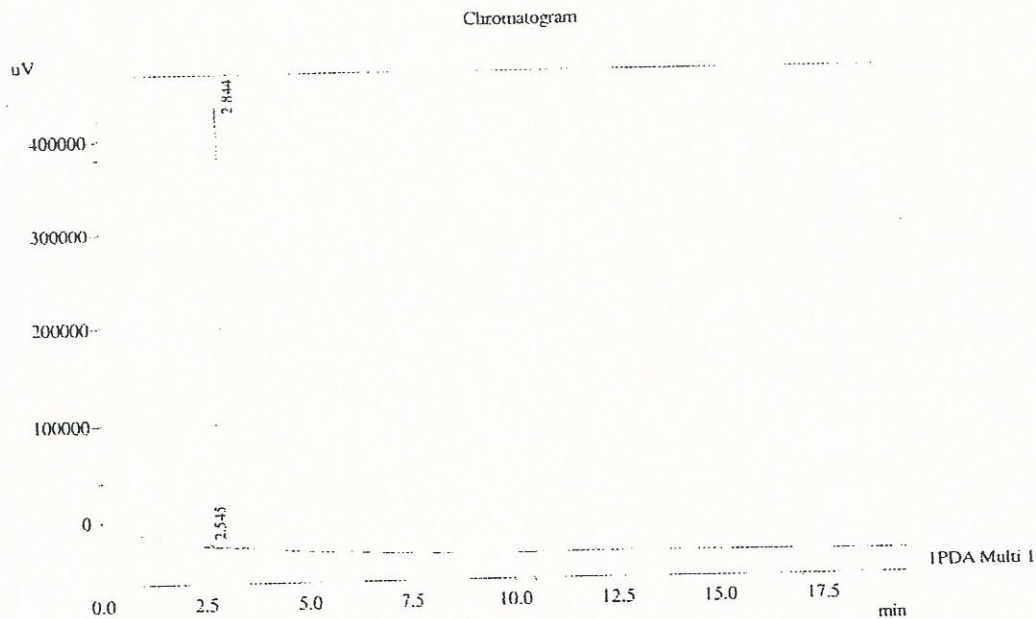
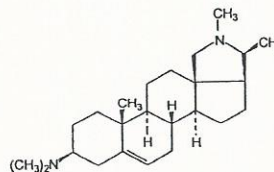
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Admin
 Sample Name : Conessine
 Sample ID : 180 gm Lot
 Injection Volume : 20 uL
 Data Filename : 030817A.tcd
 Method Filename : Isocratic Method.lcm
 Report Filename : Default.lcr

Catalog No.: C-003
 Product Name: Conessine
 Lot No.: 1708851



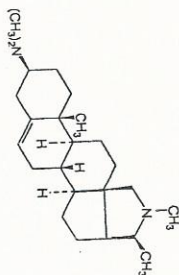
1 PDA.Multi 1 / 200nm 4nm

PeakTable

Peak#	Name	Ret. Time	Height	Area %	Relative Retention Time
1	RT:2.545	2.545	3389	0.76	0.00
2	RT:2.844	2.844	466999	99.24	0.00
Total			470388	100.00	

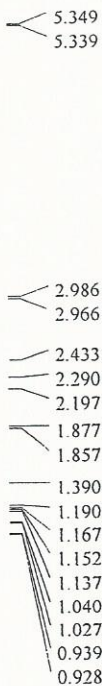


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 HILLSBOROUGH, NJ 08844



Catalog No.: C-003
 Product Name: Conessine
 Lot No.: 1708851

proton-1-2.jdt



```

----- PROCESSING PARAMETERS -----
sexp ( 0.31Hz, 0.0[s] )
trapezoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 4 )
fft( 1, TRUE, TRUE )
machinephase
ppm
auto_reference( 5[%], TRUE )

```

```

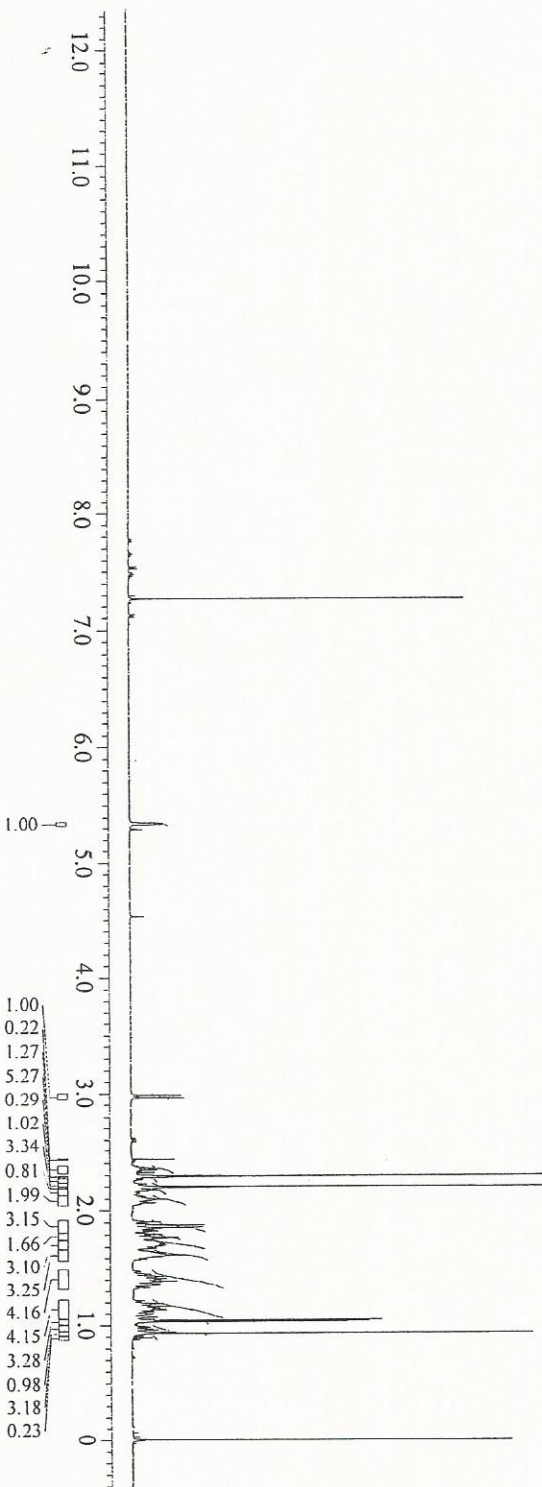
Filename = CNS-200Gr
Instrument = NMR-500MHz (JEOL)
Instrument id = NMR-02
Author = spml240
Reviewed by = Purushotham
Solvent = CHLOROFORM-D
Spectrometer = JNM-ECZ500R/S1
Experiment = proton.jxp

```

```

Acquisition Parameter
X_Domain = 1H
X_Offset = 7.0[ppm]
X_Sweep = 11.2515845[kHz]
Scans = 16
Relaxation_Delay = 2[s]

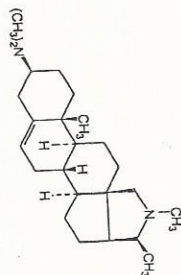
```



X : parts per Million : Proton



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Catalog No.: C-003
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_proton-1-2.jdf

2.986
 2.966

2.433
 2.353
 2.349
 2.269
 2.227
 2.175
 2.172
 2.101
 2.095
 2.064

1.907
 1.877
 1.857
 1.776
 1.770
 1.736
 1.720
 1.645
 1.633
 1.624

1.477
 1.431
 1.411
 1.390
 1.382

1.190
 1.167
 1.158
 1.152
 1.144
 1.137
 1.073
 1.066
 1.040
 1.027
 0.958
 0.939
 0.928

```

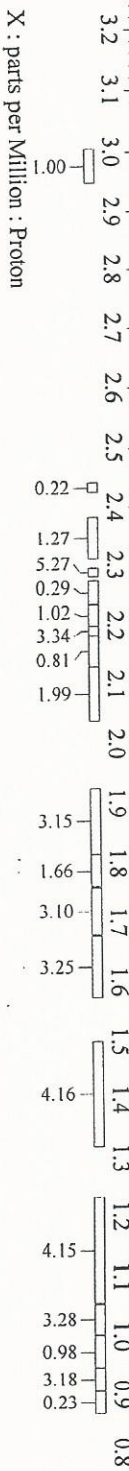
---- PROCESSING PARAMETERS ----
sexp( 0.3[Hz], 0.0[s] )
trapzoid( 0[%], 0[%], 80[%], 100[%] ) :
zerofill( 4 )
fft( 1, TRUE, TRUE )
machinphase
ppm
auto_reference( 5[%], TRUE )
  
```

```

Filename           = CNS-200Gr
Instrument          = NMR-500MHz (JEOL)
Instrument id      = NMR-02
Author             = spml240
Reviewed by       = Purushotham
Solvent            = CHLOROFORM-D
Spectrometer      = JNM-ECZ500R/S1
Experiment         = proton.jxp
  
```

```

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



X : parts per Million : Proton