

# **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

**Cat No.: C-003**

Product: **HOLARRHENA ANTIDYSENTERICA CRUDE EXTRACT**  
(Nerine, Roquessine, Wrightine)

Cas Number: [546-06-5]

Lot Number: 1011086

Chemical Formula:  $C_{24}H_{40}N_2$

Molecular Weight: 356.59

Melting Point: 108-110°C

Source: From Holarrhena antidysentrica seeds

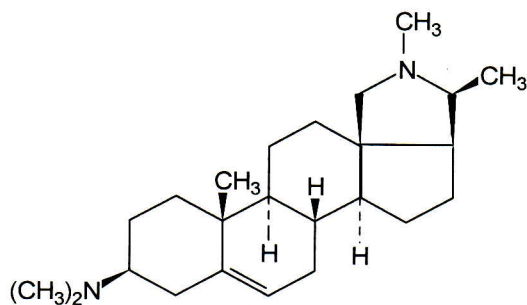
Appearance: White crystalline powder

TLC: Chloroform : methanol (9:1)

Solubility: Gives a clear solution in Chloroform

Storage: Cool dry place

Purity: 80-90%





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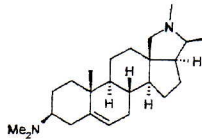
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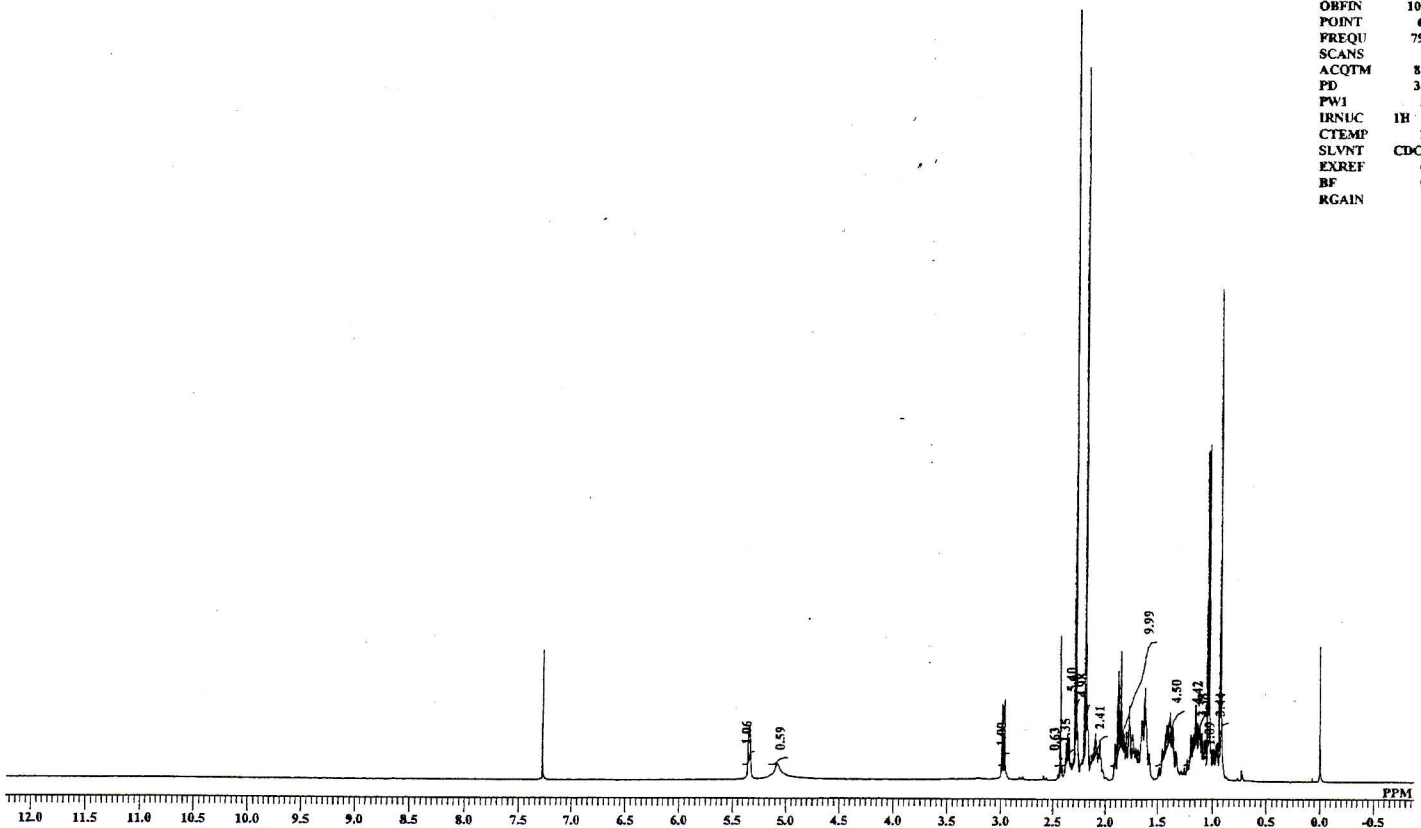
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Cat. No.: C-003  
Product: Holarrhena Antidysenterica Crude Extract  
Lot No.: 1011086

CNSN Crude 1HNMR CDCl3



DFILE CNSN Crude.als  
COMNT CNSN Crude 1HN  
DATIM Wed Nov 10 10:46:  
ORNUC 1H  
EXMOD NON  
ORFRO 399.65 MHz  
ORSET 124.80 KHz  
ORFIN 10580.00 Hz  
POINT 6536  
FREQU 7992.01 Hz  
SCANS 16  
ACQTM 8.2002 sec  
PD 3.0000 sec  
PWI 5.60 nsec  
IRNUC 1H  
CTEMP 22.6 c  
SLVNT CDCL3  
EXREF 0.00 ppm  
BF 0.30 Hz  
RGAIN 17





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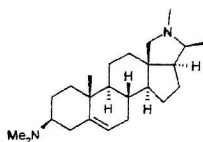
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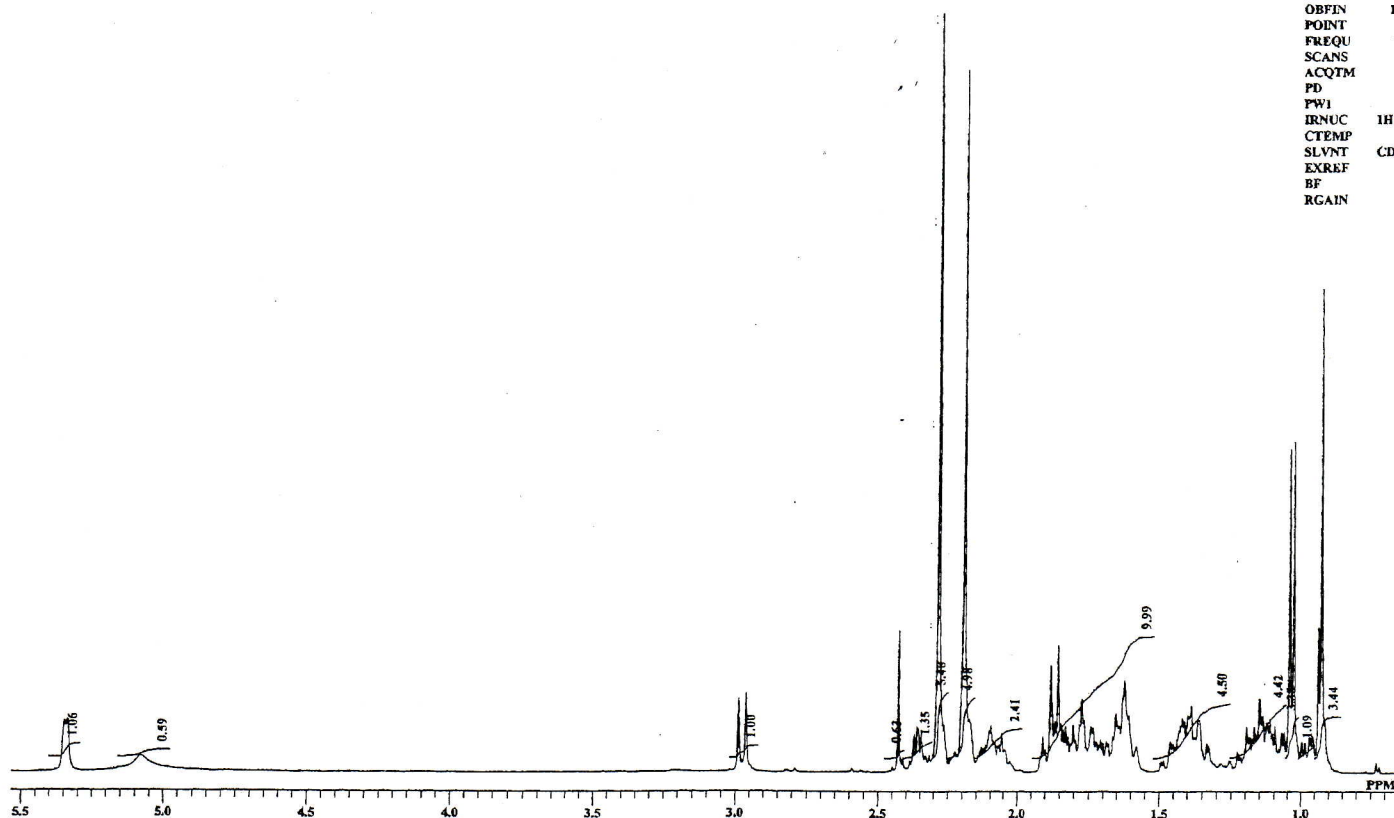
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Cat. No.: C-003  
Product: Holarrhena Antidysenterica Crude Extract  
Lot No.: 1011086



CNSN Crude 1HNMR CDC13



DFILE	CNSN Crude.ak
COMNT	CNSN Crude 1HN
DATIM	Wed Nov 10 10:46:
ORNUC	1H
EXMOD	NON
OBFRQ	399.65 MHz
ORSET	124.00 KHz
OBFIN	10500.00 Hz
POINT	6536
FREQU	7992.01 Hz
SCANS	16
ACQTM	3.2002 sec
PD	3.0000 sec
PW1	5.60 msec
IRNUC	1H
CTEMP	22.6 c
SLVNT	CDCL3
EXREF	0.00 ppm
BF	0.30 Hz
RGAIN	T7