



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: P-150

Product Name: **PICROTIN**

CAS Number: [21416-53-5]

Lot Number: 95002

Chemical Formula: C₁₅H₁₈O₇

Molecular Weight: 310.29

Melting Point: 260-263°C

Appearance: White powder

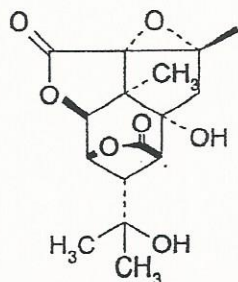
Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9:1), α-Naphthol charring

NMR Spectrum: Enclosed (Confirms to the Structure)

Storage: Store in cool, dry place

Purity(HPLC): 99.52%





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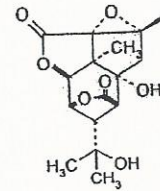
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HPLC ANALYSIS

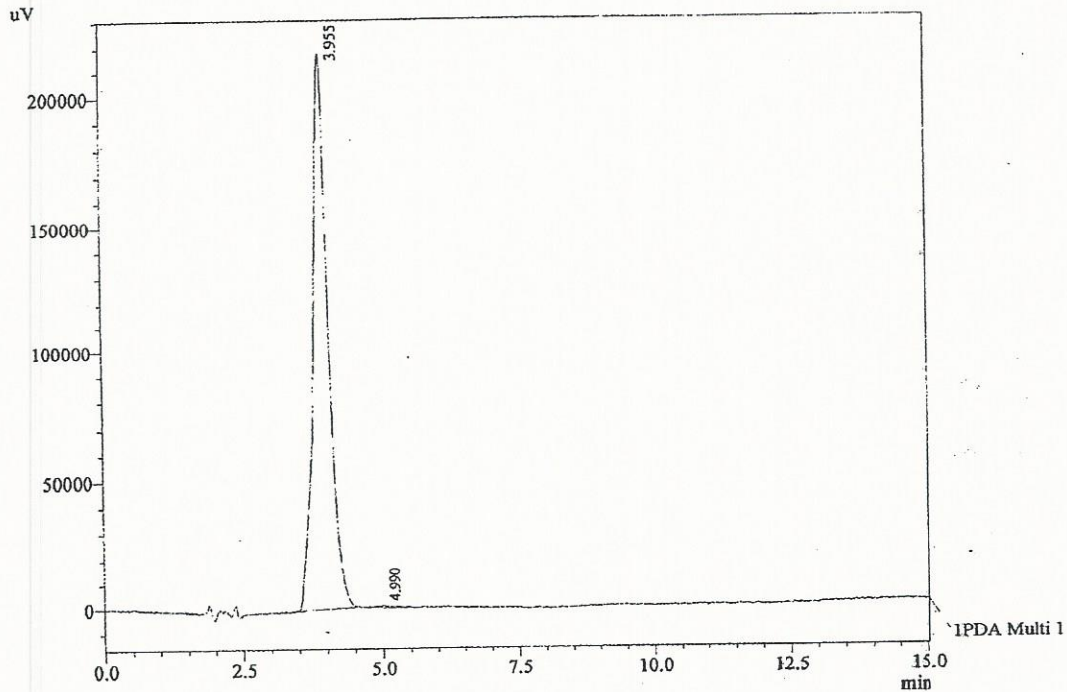
Acquired by : Sanjeev
Sample Name : Picrotin
Sample ID : Lot No: 95002
Injection Volume : 20 uL
Data Filename : 111113C.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: P-150
Product Name: Picrotin
Lot No.: 95002



Column : LUNA C-18(2), (250mm x4.6mm 5.0µ)
Flow : 1.000 mL/min.
Mobile Phase : A(50% of Water) B(50% of Acetonitrile)

Chromatogram



1 IPDA Multi 1 / 200nm 4nm

PeakTable

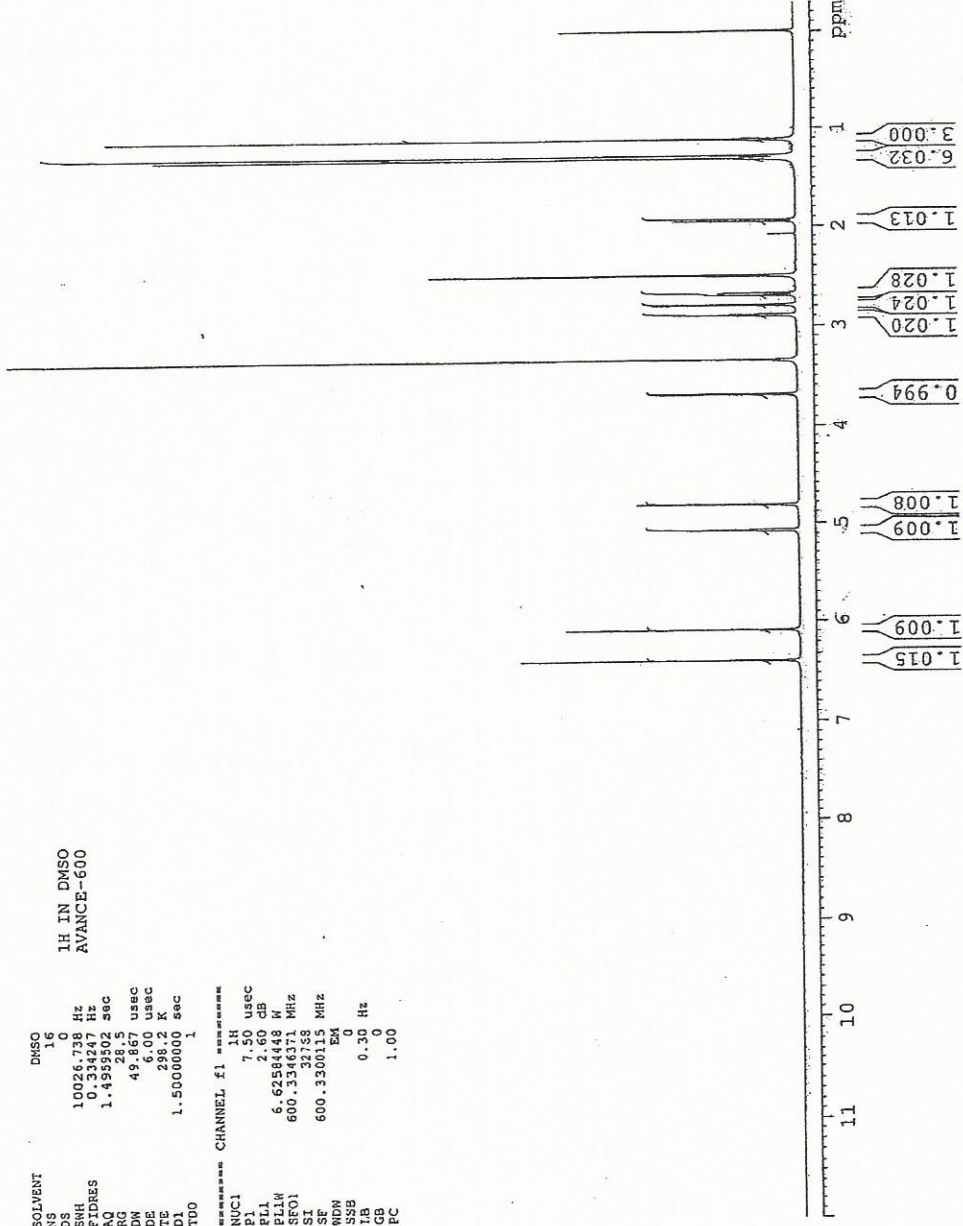
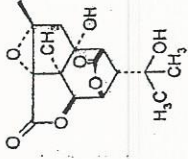
PDA Ch1 200nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	Picrotin	3.955	4100965	99.52	1.00
2	RT:4.990	4.990	19906	0.48	1.26
Total			4120872	100.00	



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

Catalog No.: P-150
 Product Name: Picrotin
 Lot No.: 95002



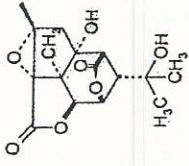
SOLVENT DMSO
 NS 16
 SRH 10026.738 Hz
 FIDRES 0.33427 Hz
 AQ 1.4959502 sec
 RG 28.5
 DM 49.867 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.5000000 sec
 TDO 1

***** CHANNEL #1 *****
 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584448 W
 SF01 600.3346371 MHz
 SI 32752
 SF 600.3300154 MHz
 SFO1 600.3300154 MHz
 SSB 0
 LB 0.30 Hz
 CB 0
 PC 1.00



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Catalog No.: P-150
Product Name: Picrotin
Lot No.: 95002



1H IN DMSO
AVANCE-600

SOLVENT DMSO
NS 16
DS 0
SMH 10026.738 Hz
FIDRES 0.334247 Hz
AQ 1.4959502 sec
RG 2.867 usec
DE 49.867 usec
TE 298.2 K
D1 1.30000000 sec
TD0 1

***** CHANNEL F1 *****
NUC1 13C
P1 7.10 usec
PL1 2.50 dB
PL1W 6.62564448 W
SFO1 600.3346371 MHz
SI 32768
SFT 600.3300115 MHz
NDW 0
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

