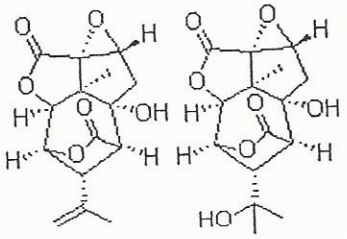
INDOFINE Chemical Company, Inc.

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-001
Product Name:	**PICROTOXIN** (Cocculin)
Cas Number:	[124-87-8]
Lot Number:	1508659
Chemical Formula:	$C_{30}H_{34}O_{13}$
Molecular Weight:	602.59
Melting Point:	200-202°C
Appearance:	White powder
TLC:	Chloroform:Methanol (9:1) Two spots
Solubility:	Soluble in DMSO
Moisture (KF):	0.36%
NMR Spectrum:	Enclosed (conforms to the structure)
Storage:	Store in a cool, dry place
Purity(HPLC):	99.66%



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

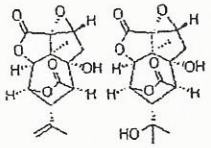
HPLC ANALYSIS

Acquired by : Admin
Sample Name : Picrotoxin

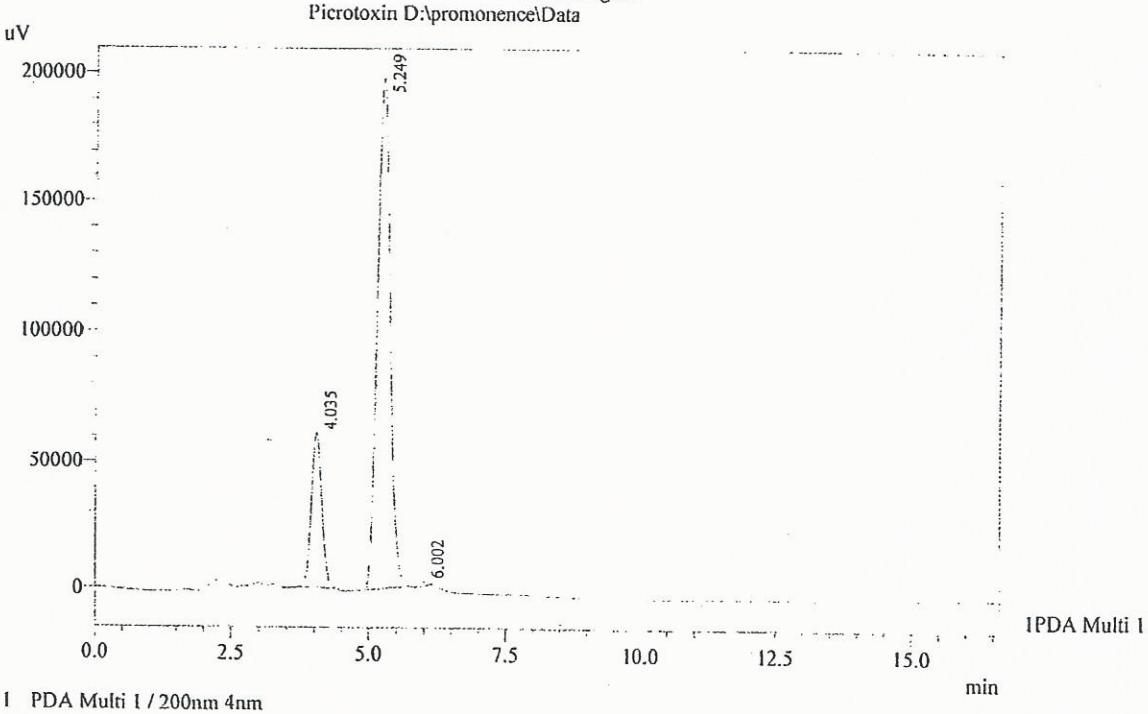
Injection Volume : 20 uL
Data Filename : 220815B.lcd
Method Filename : Linear Isocratic.M.lcm

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)

Catalog No.: P-001
Product Name: Picrotoxin
Lot No.: 1508659



Chromatogram
Picrotoxin D:\promonence\Data



1 PDA Multi 1 / 200nm 4nm

PeakTable

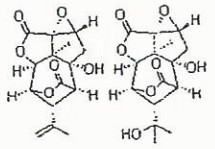
PDA Ch1 200nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	Picrotin	4.035	784851	19.59	0.77
2	Picrotoxin	5.249	3207603	80.07	1.00
3	RT:6.002	6.002	13510	0.34	1.14
Total			4005964	100.00	

INDOFINE Chemical Company, Inc.

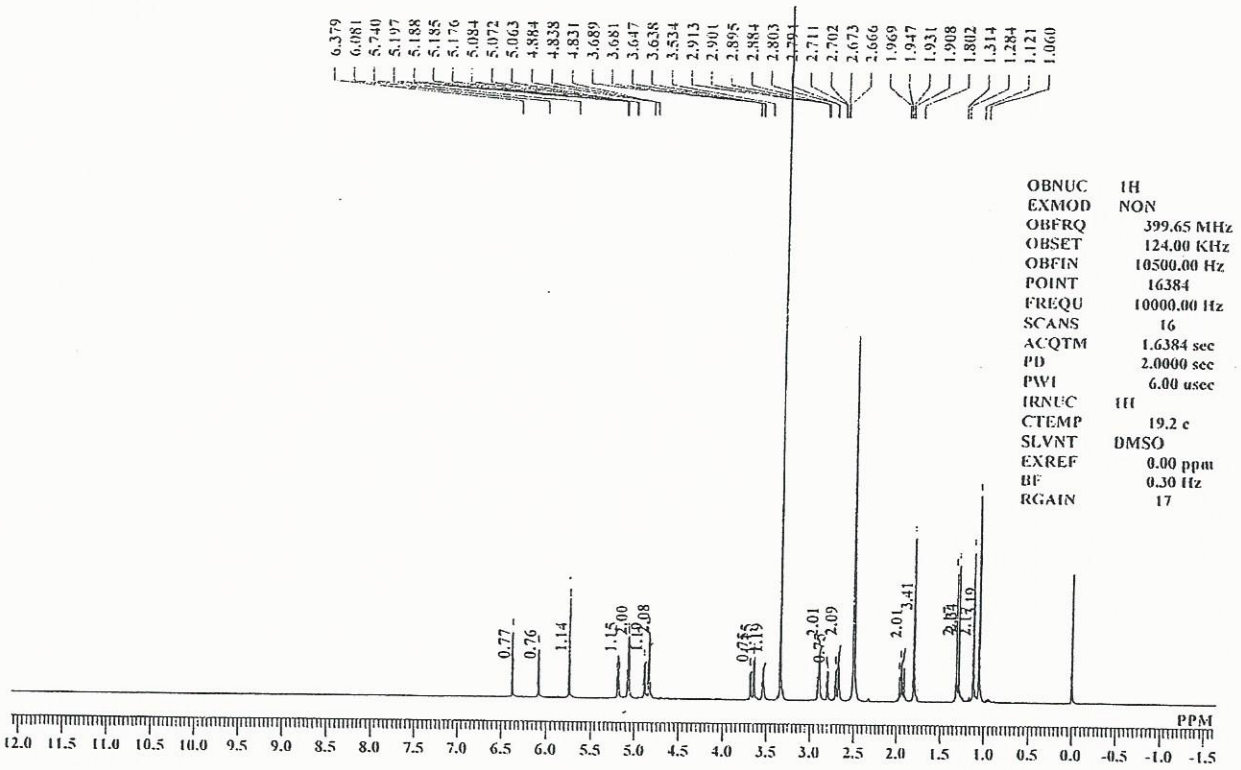
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.
Phone: (908) 359-6778 • FAX: (908) 359-1179
website: www.indofinechemical.com
e-mail: chemical@indofinechemical.com

Catalog No.: P-001
Product Name: Picrotoxin
Lot No.: 1508659



1H NMR DMSO-d6

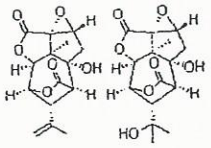
Analyzed By : SPM

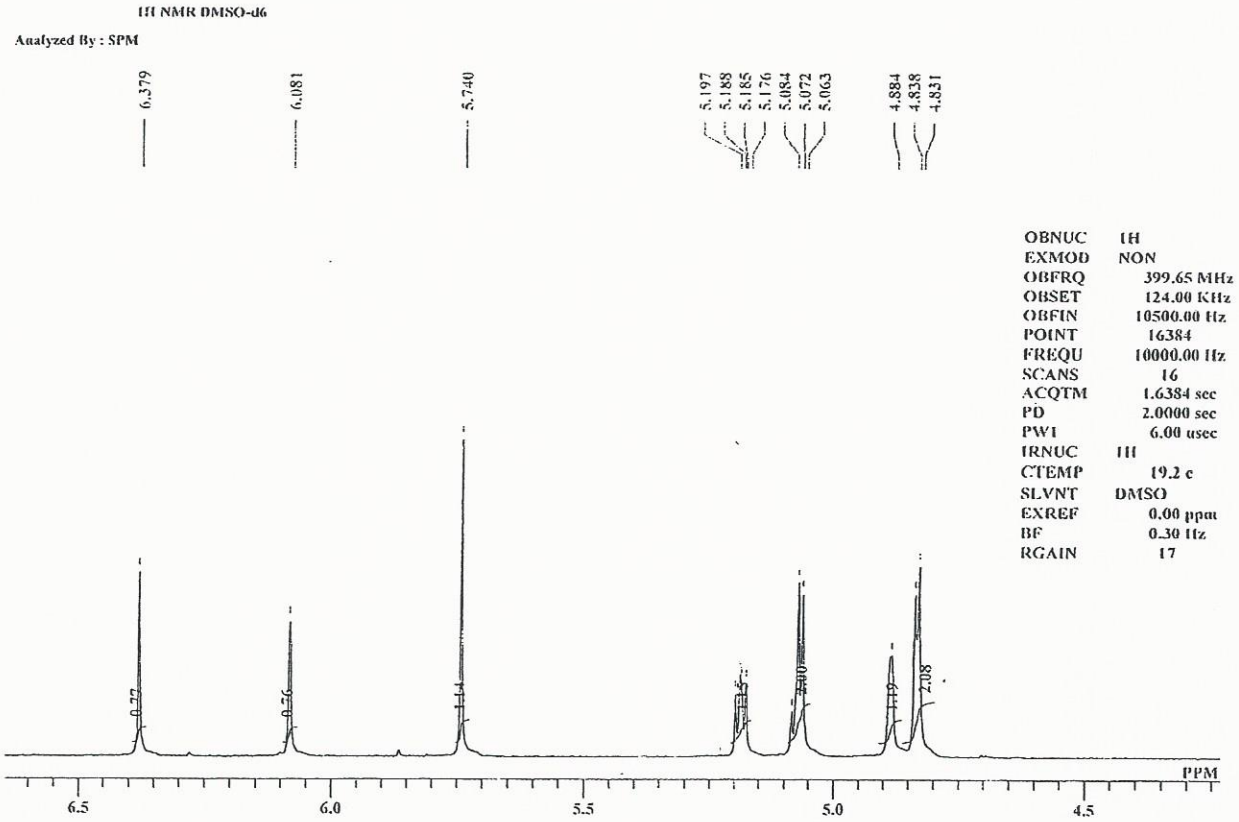


INDOFINE Chemical Company, Inc.

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

Catalog No.: P-001
Product Name: Picrotoxin
Lot No.: 1508659

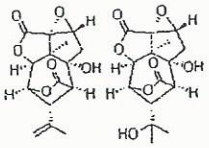


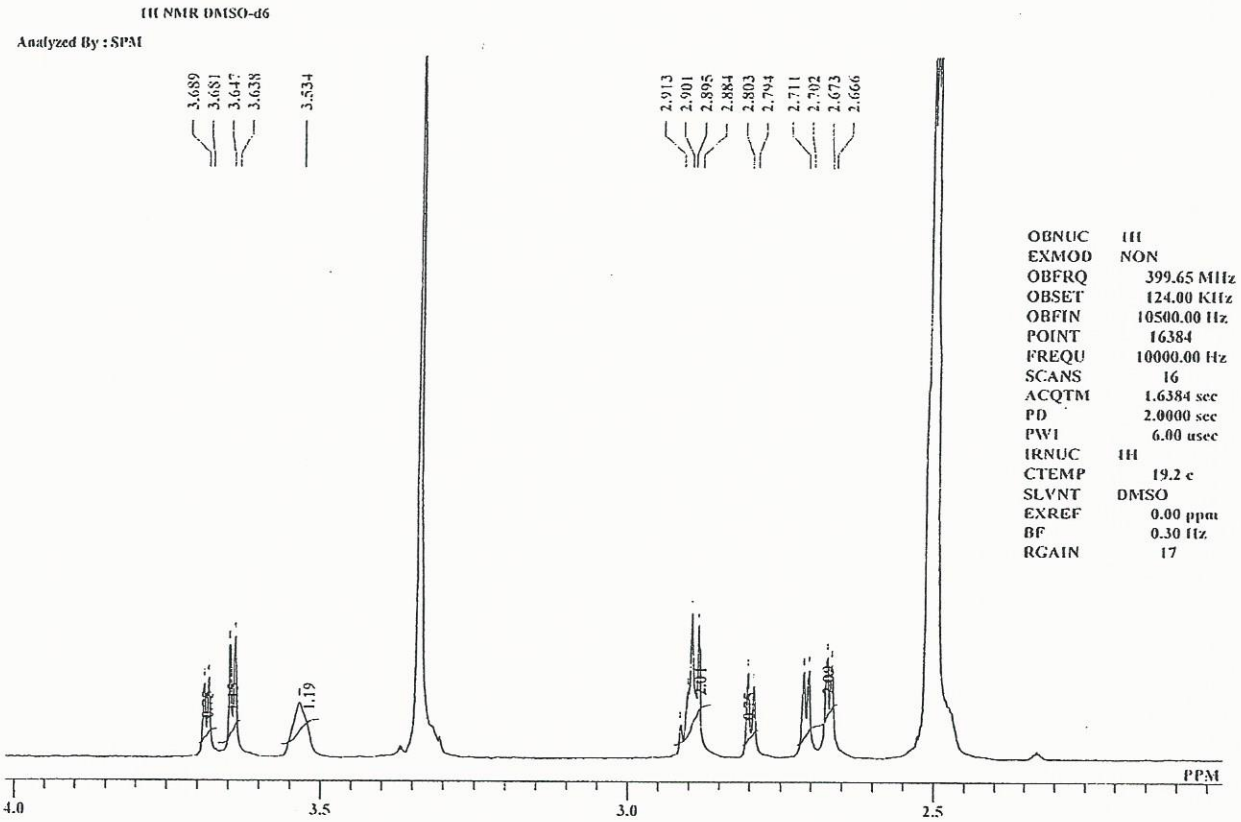


INDOFINE Chemical Company, Inc.

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

Catalog No.: P-001
Product Name: Picrotoxin
Lot No.: 1508659

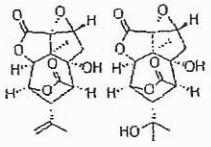


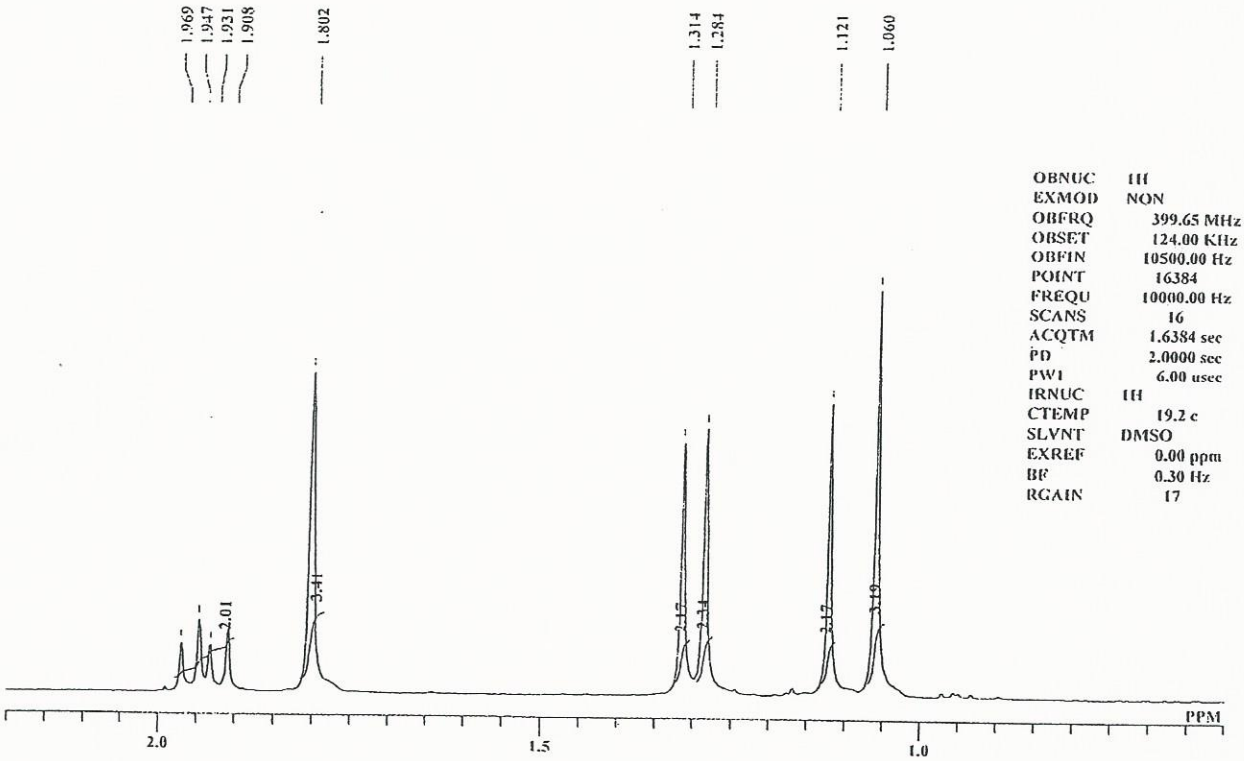


INDOFINE Chemical Company, Inc.

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

Catalog No.: P-001
Product Name: Picrotoxin
Lot No.: 1508659



1H NMR DMSO-d6

Analyzed By : SPM