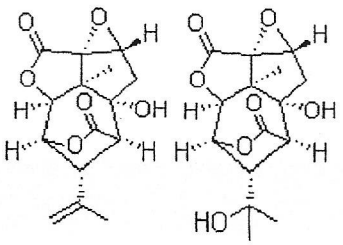
INDOFINE Chemical Company, Inc.

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:	1402428
Chemical Formula:	$C_{30}H_{34}O_{13}$
Molecular Weight:	602.59
Melting Point:	200-201°C
Source:	Natural from Anamirta cocculus seeds
Appearance:	White powder
TLC:	Chloroform:Methanol (9:1) Two spots
Solubility:	Soluble in DMSO
Moisture (KF):	0.28%
NMR Spectrum:	Enclosed (Confirms to the structure)
Storage:	Store in a cool, dry place
Purity(HPLC):	99.08%



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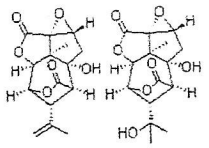
HPLC ANALYSIS

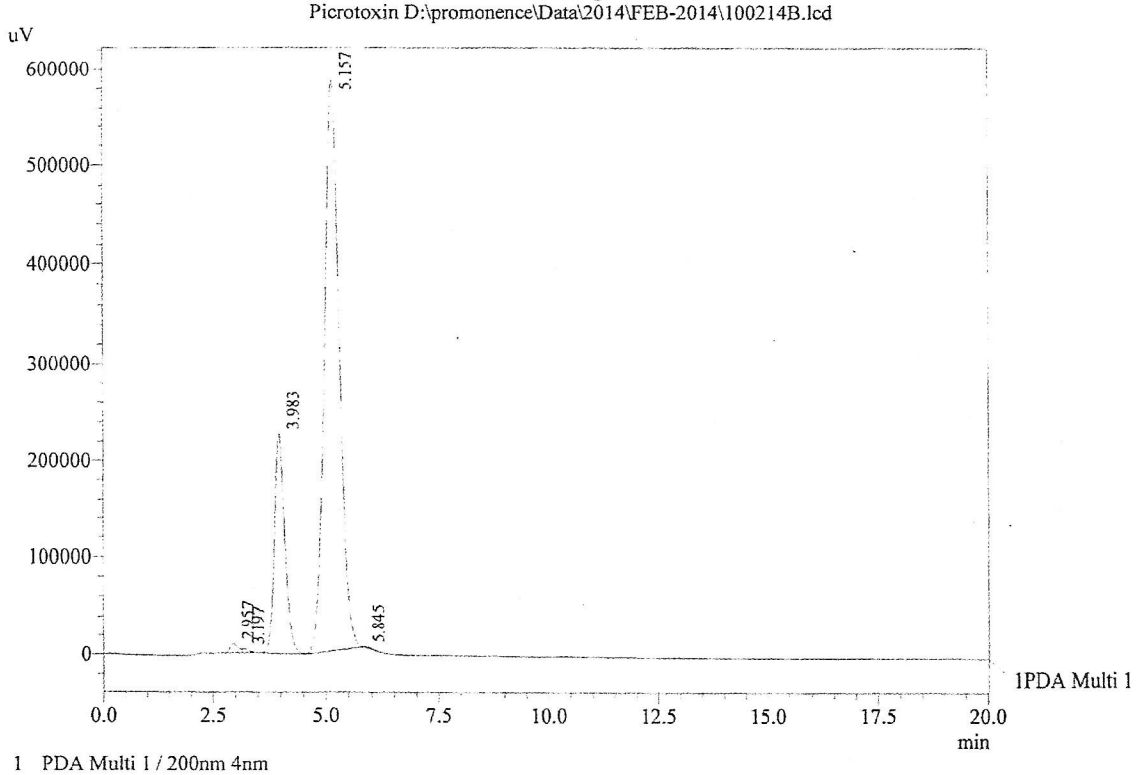
Catalog No.: P-001
Product Name: Picrotoxin
Lot No.: 1402428

Acquired by : Sanjeev
Sample Name : Picrotoxin
Sample ID : 2.30 Kg Lot
Injection Volume : 20 uL
Data Filename : 100214B.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)
Diluent : Acetonitrie

Chromatogram
Picrotoxin D:\promonence\Data\2014\FEB-2014\100214B.lcd



1 PDA Multi 1 / 200nm 4nm

PeakTable

PDA Ch1 200nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.957	2.957	113194	0.66	0.57
2	RT:3.197	3.197	37987	0.22	0.62
3	RT:3.983	3.983	3584252	21.06	0.77
4	RT:5.157	5.157	13280674	78.02	1.00
5	RT:5.845	5.845	5635	0.03	1.13
Total			17021741	100.00	

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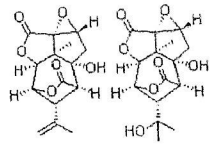
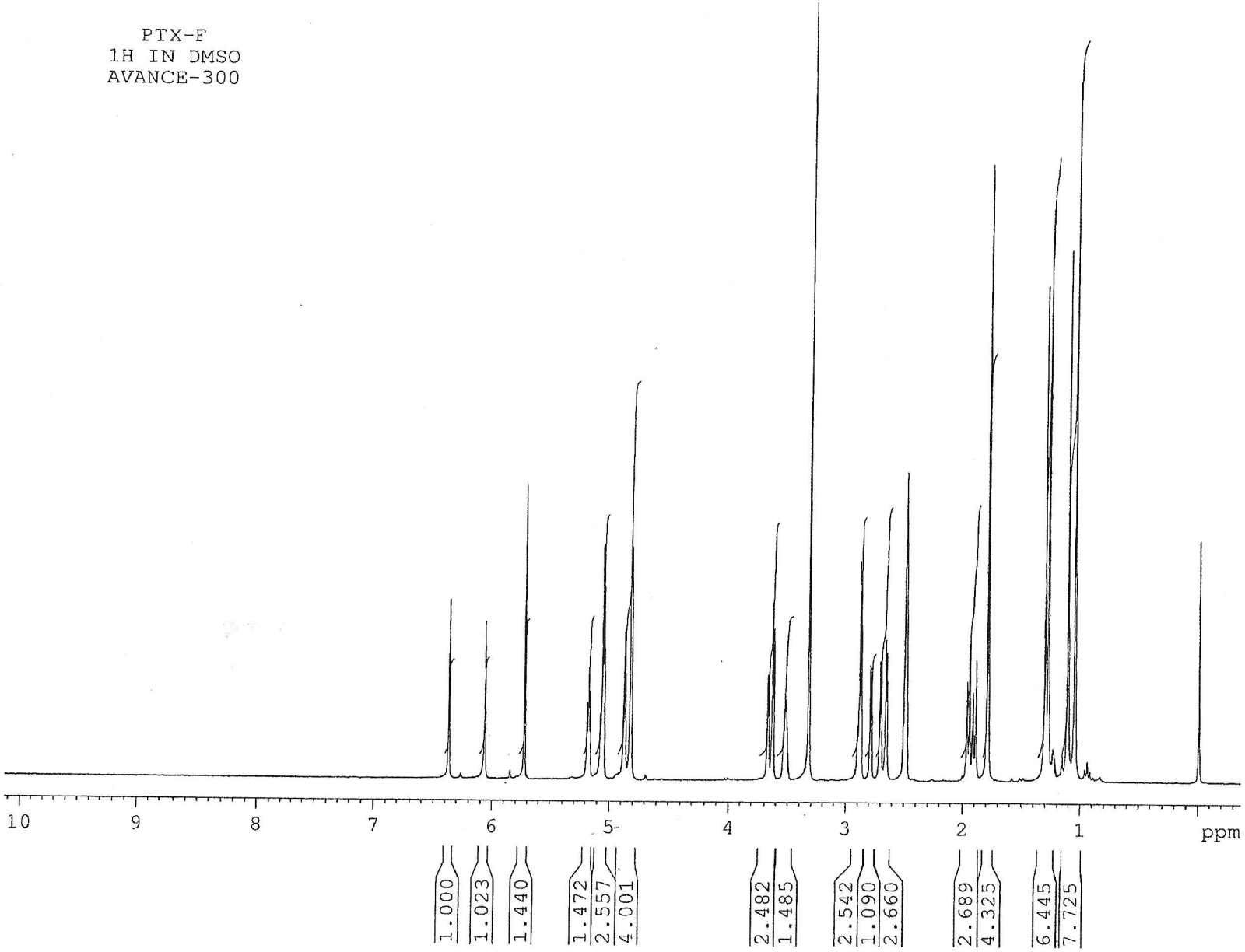
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: P-001
Product Name: Picrotoxin
Lot No.: 1402428





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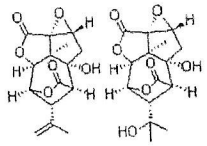

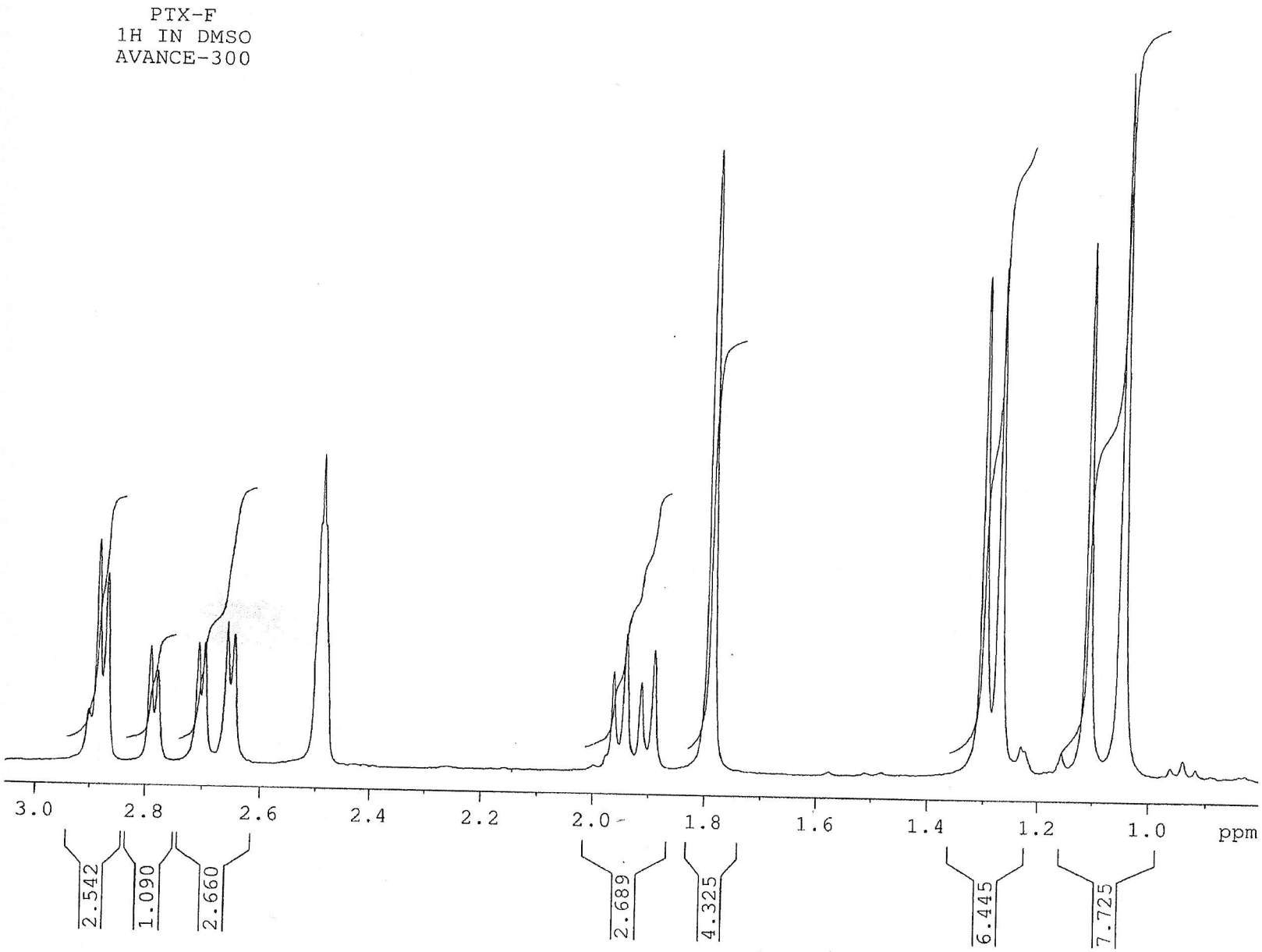

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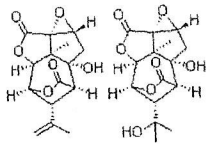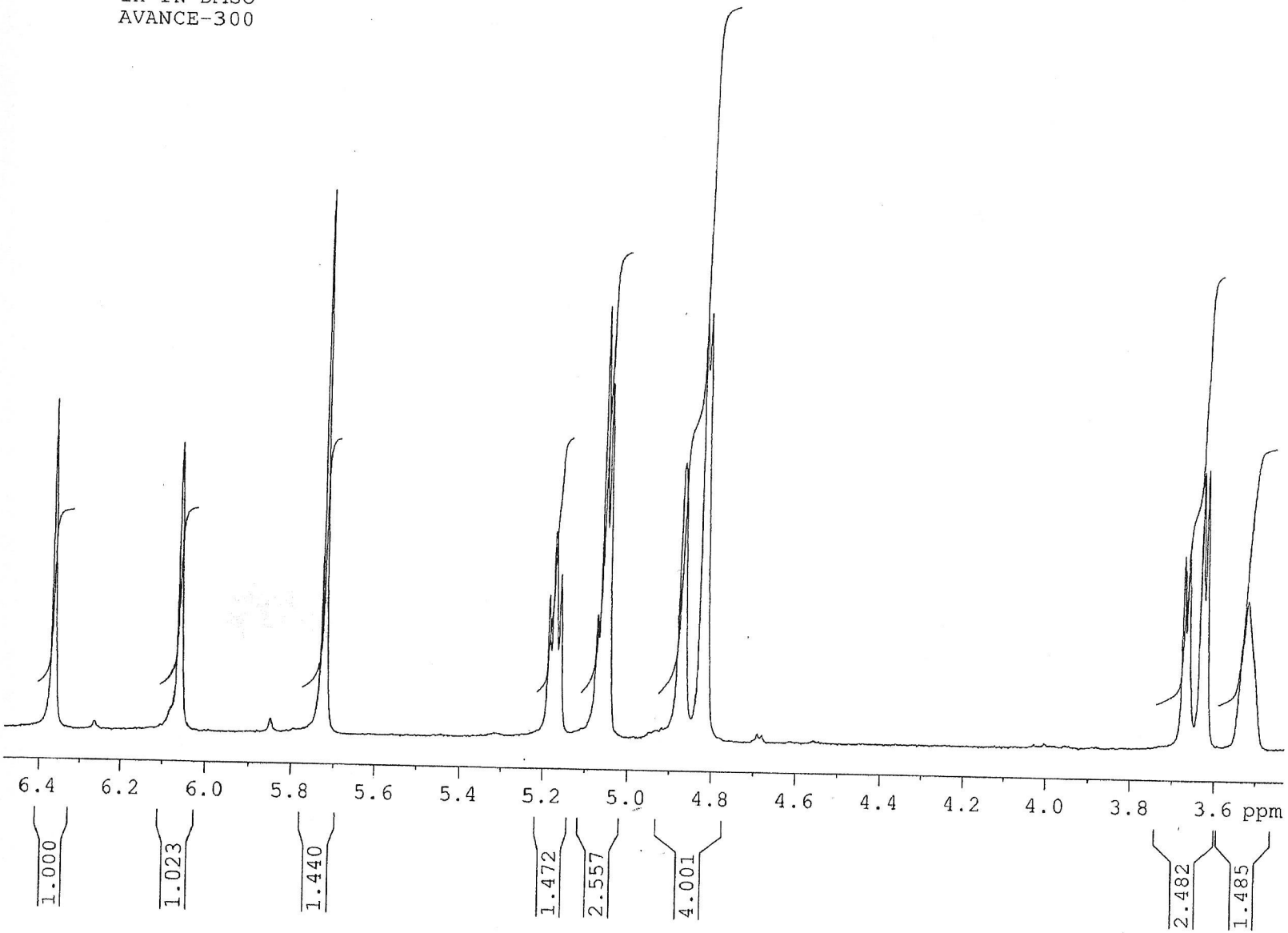
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