



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

Cat No.: P-001

Product:

PICROTOXIN

(Cocculin)

Cas Number:

[124-87-8]

Lot Number:

1204205

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)

Solubility:

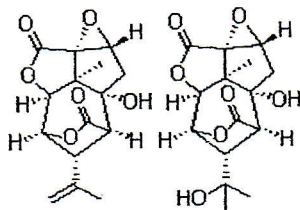
Soluble in DMSO

Moisture (KF):

0.5%

Assay(HPLC):

98.46%





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

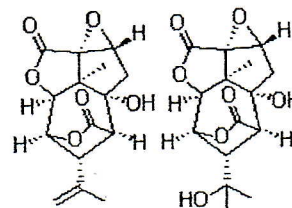
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : Picrooxin
Sample ID :
Injection Volume : 20 uL
Data Filename : 230212A.lcd
Method Filename : Linear Isocratic.M.lcm

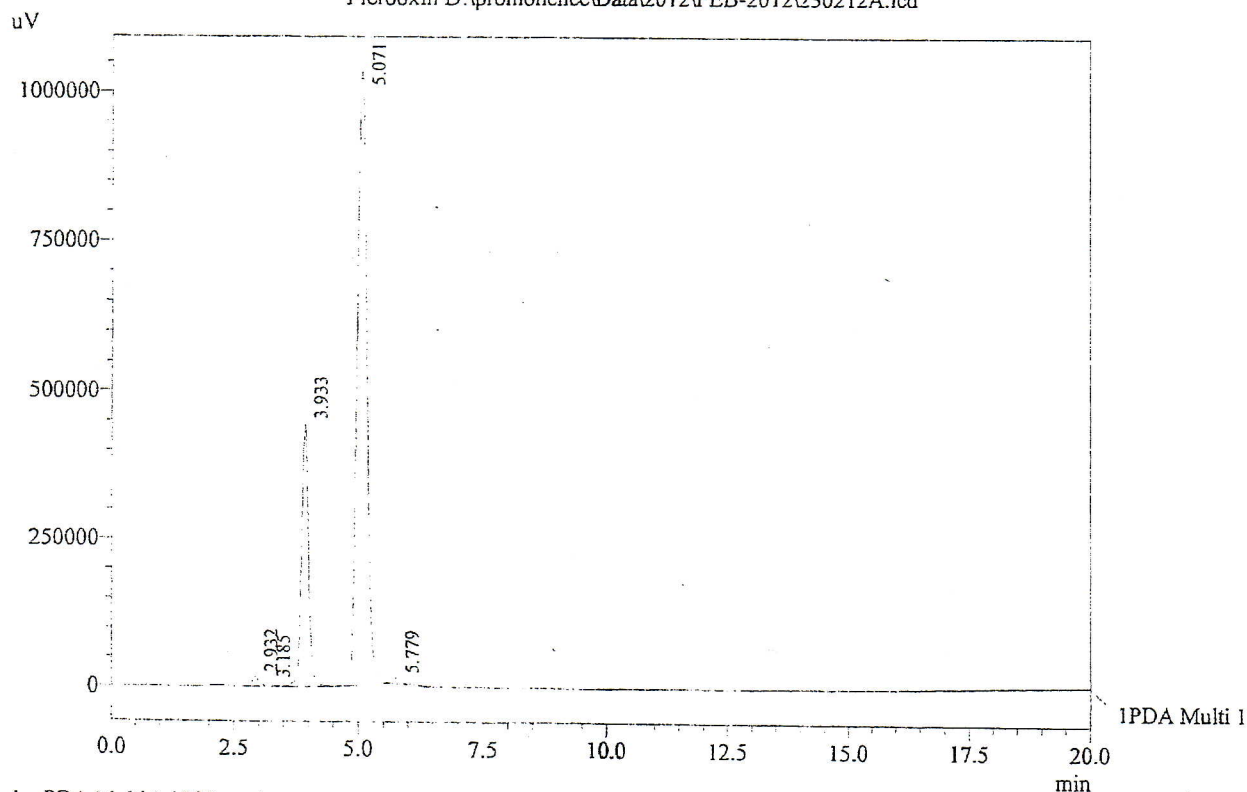
Catalog No.: P-001
Product name: Picrotoxin
Lot No.: 1204205

Date Acquired : 2/23/2012 6:01:00 PM
Data Processed : 2/23/2012 6:22:44 PM
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

Picrooxin D:\promonence\Data\2012\FEB-2012\230212A.lcd



1 PDA Multi 1 / 200nm 4nm

PeakTable

PDA Ch1 200nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.932	2.932	136199	0.74	0.58
2	RT:3.185	3.185	55151	0.30	0.63
3	RT:3.933	3.933	4409641	23.94	0.78
4	RT:5.071	5.071	13725301	74.52	1.00
5	RT:5.779	5.779	92012	0.50	1.14
Total			18418304	100.00	



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

Catalog No.: P-001
Product name: Picrotoxin
Lot No.: 1204205

R-21875
PTX-
1H IN DMSO
AVANCE-300

