



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: 06-1381

Product Name: **THEACRINE**
(1,3,7,9-Tetramethyluric acid)

CAS Number: [2309-49-1]

Lot Number: 1509676

Chemical Formula: C₃₀H₂₄O₁₂

Molecular Weight: 224.22

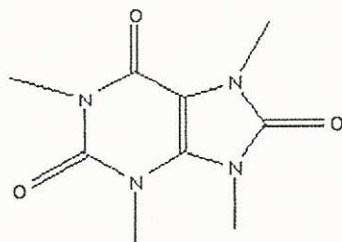
Appearance: Pale white powder

Loss on drying: 0.07%

Residue on Ignition: 0.02%

Storage: Store in a cool, dry place. Protected from light.

Assay: 99.8%





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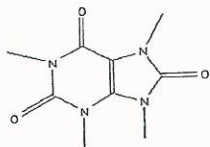
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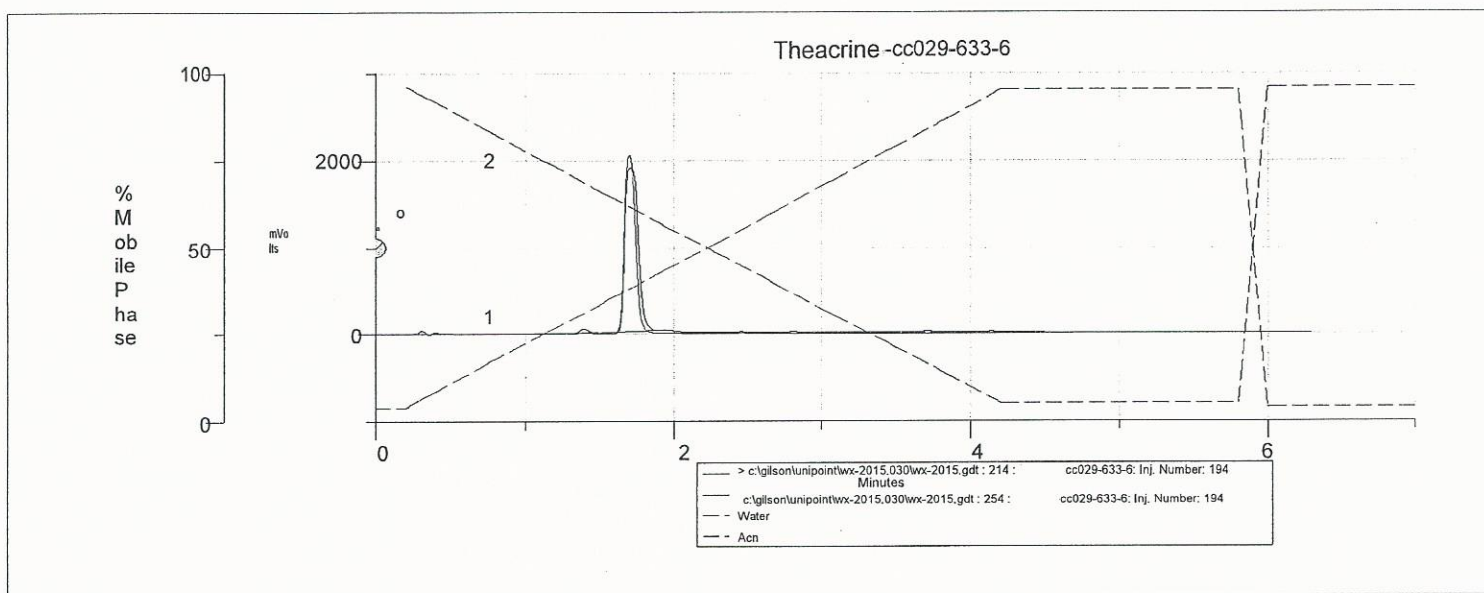
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HPLC ANALYSIS



Catalog No.: 06-1381
Product Name: Theacrine
Lot No.: 15109676



	Inj. Number	Peak Name	Sample Descrip.	R. Time	Sample Location	Height	Area	Area %	Plate number
1	194.00	1	Theacrine -cc029-633-6	1.39	Sample:48	49.25	321511.69	1.58	2913.41
2	194.00	2	Theacrine -cc029-633-6	1.71	Sample:48	1889.67	20028002.00	98.42	1587.57



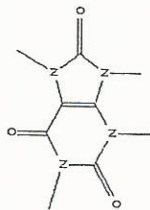
INDOFINE Chemical Company, Inc.
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 BLDG. 30, SUITE 1
 HILLSBOROUGH, NJ 08844

Catalog No.: 06-1381
 Product Name: Theacrine
 Lot No.: 15109676



EXPNO 290
 PROCNO 1
 Date_ 20140207
 Time_ 13.49
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 44012
 SOLVENT CDCl3
 NS 12
 DS 0
 SWH 8802.817 Hz
 FIDRES 0.200009 Hz
 AQ 2.4999316 sec
 RG 203
 DW 56.800 usec
 DE 6.50 usec
 TE 294.3 K
 D1 1.00000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 12.49 usec
 PL1 -3.50 dB
 P1LW 17.99492264 W
 SF01 400.1324008 MHz
 SI 32768
 SF 400.1300000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



7.285
 4.149
 3.710
 3.546
 3.406
 1.646
 0.017

