



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: 26-3059

Product Name: 3-CYANO-6-FLUOROCHROMONE

Lot Number: 1005033

Chemical Formula: C₁₀H₄FNO₂

Molecular Weight: 189.15

Melting Point: 174-176°C

Appearance: Pale yellow powder

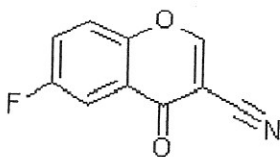
TLC: Hexane : Ethyl acetate (7:3)

Solubility: Soluble in DMSO

Moisture (KF): 0.32%

Storage: Cool dry place

Assay (HPLC): 98.2%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and approved by:
Sujata Moton
S. Moton
VP

ICC INDOFINE Chemical Company, Inc.

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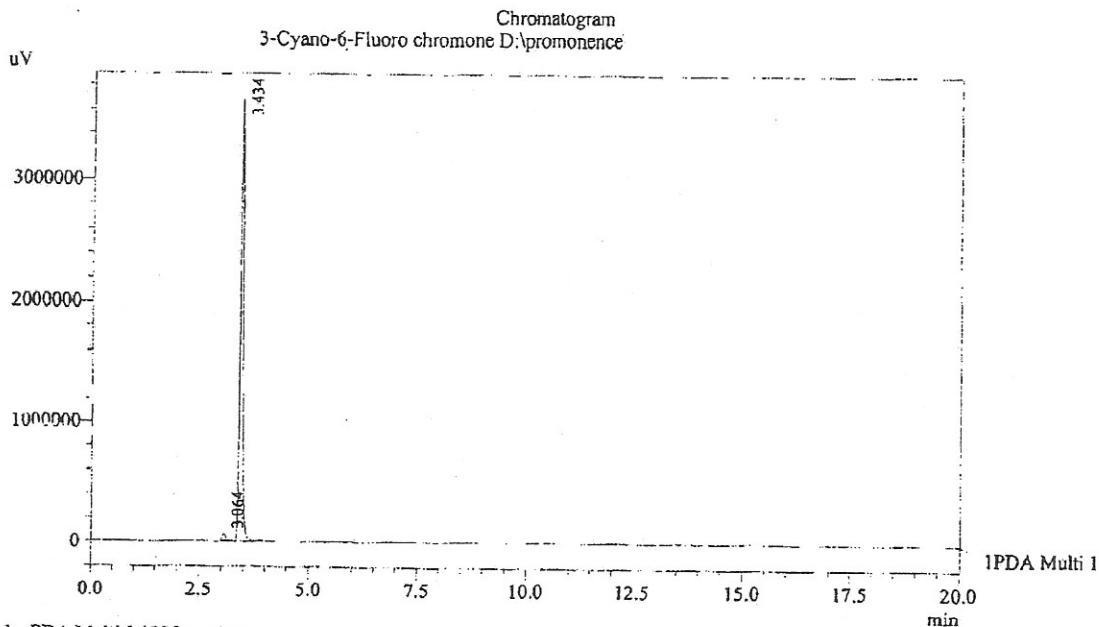
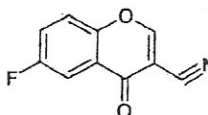
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HPLC ANALYSIS

Acquired by : Madhuri
Sample Name : 3-Cyano-6-Fluoro chromone
Sample ID :
Injection Volume : 20 uL
Data Filename : 080510C.lcd
Method Filename : Linear Isocratic.M.lcm

Cat. No.: 26-3059
Product: 3-Cyano-6-fluorochromone
Lot No.: 1005033

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(20% Water 0.05% TFA) : B(80% ACN)



1 PDA Multi 1 / 230nm 4nm

PeakTable

PDA Ch1 230nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	3.064	309468	66608	1.708
2	3.434	17810033	3683233	98.292
Total		18119501	3749841	100.000

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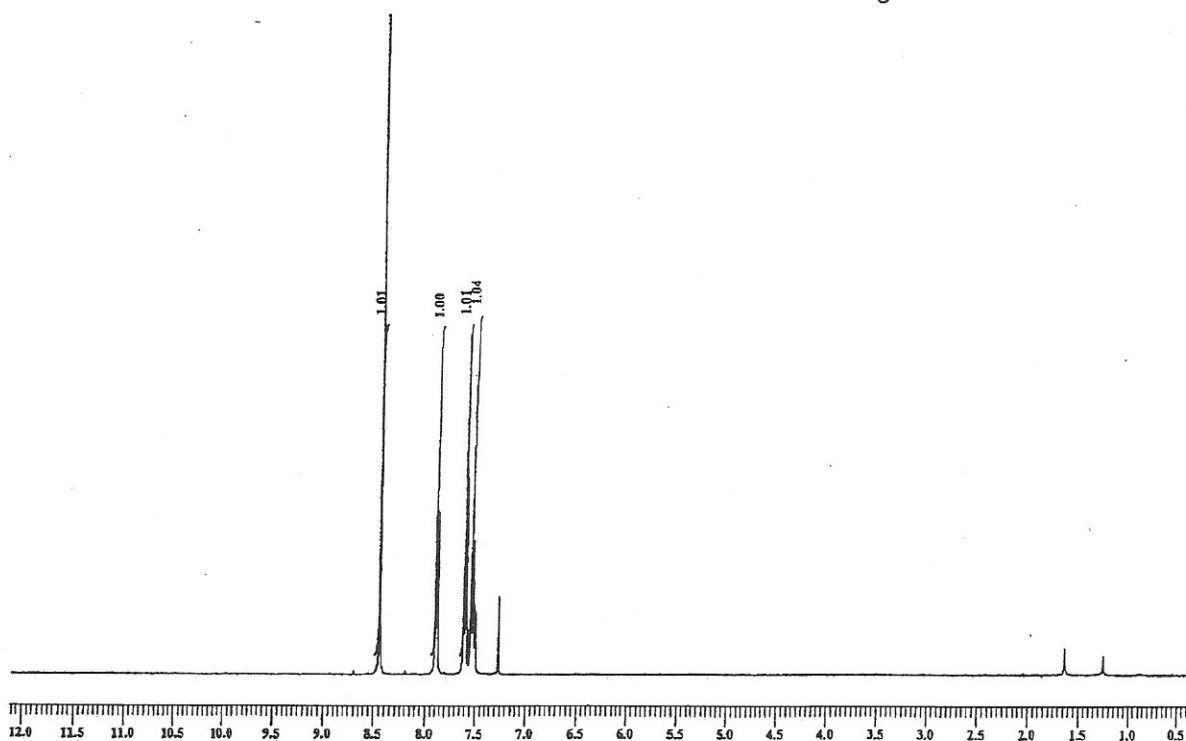
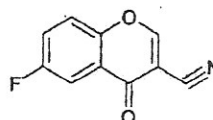
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Chromoc 1HNMR CDCl3

Cat. No.: 26-3059
Product: 3-Cyano-6-fluorochromone
Lot No.: 1005033





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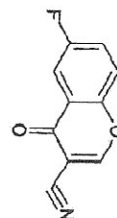
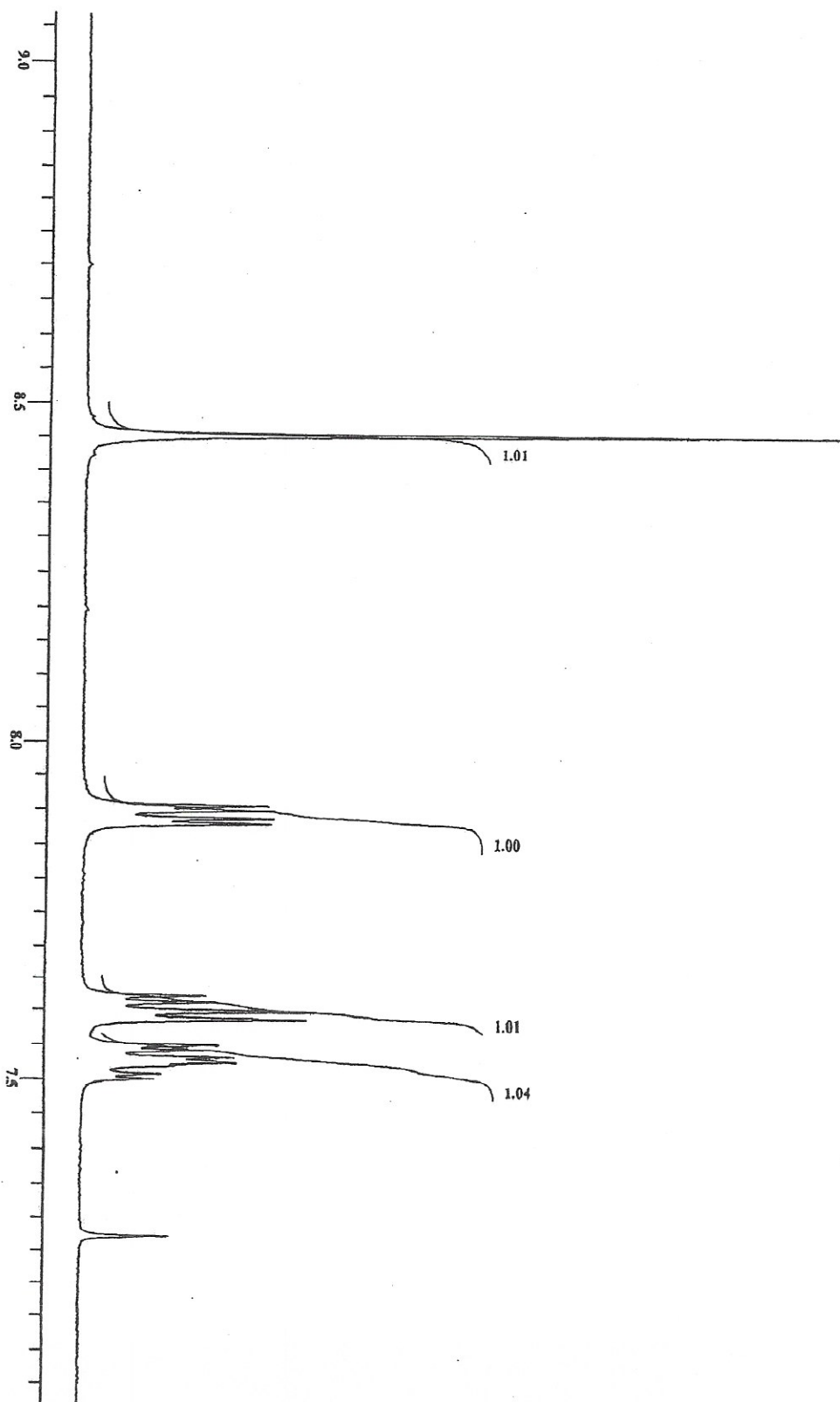
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Chromone 1H NMR CDCl3



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