

ICC **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: 17-037

Product Name: **6-CHLORO-4-CHROMANONE**

CAS Number: [37674-72-9]

Lot Number: 0606053

Chemical Formula: C₉H₇ClO₂

Molecular Weight: 182.61

Melting Point: 100-101°C

Appearance: White powder

Solubility: Soluble in Chloroform

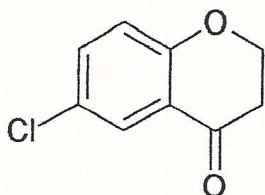
TLC: Hexane:Ethyl acetate (9.5:0.5)

NMR Spectrum: Enclosed

IR Spectrum: Enclosed

Storage: Store in a cool, dry place

Purity(HPLC): 99+%





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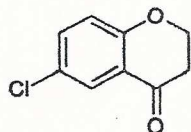
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HPLC ANALYSIS



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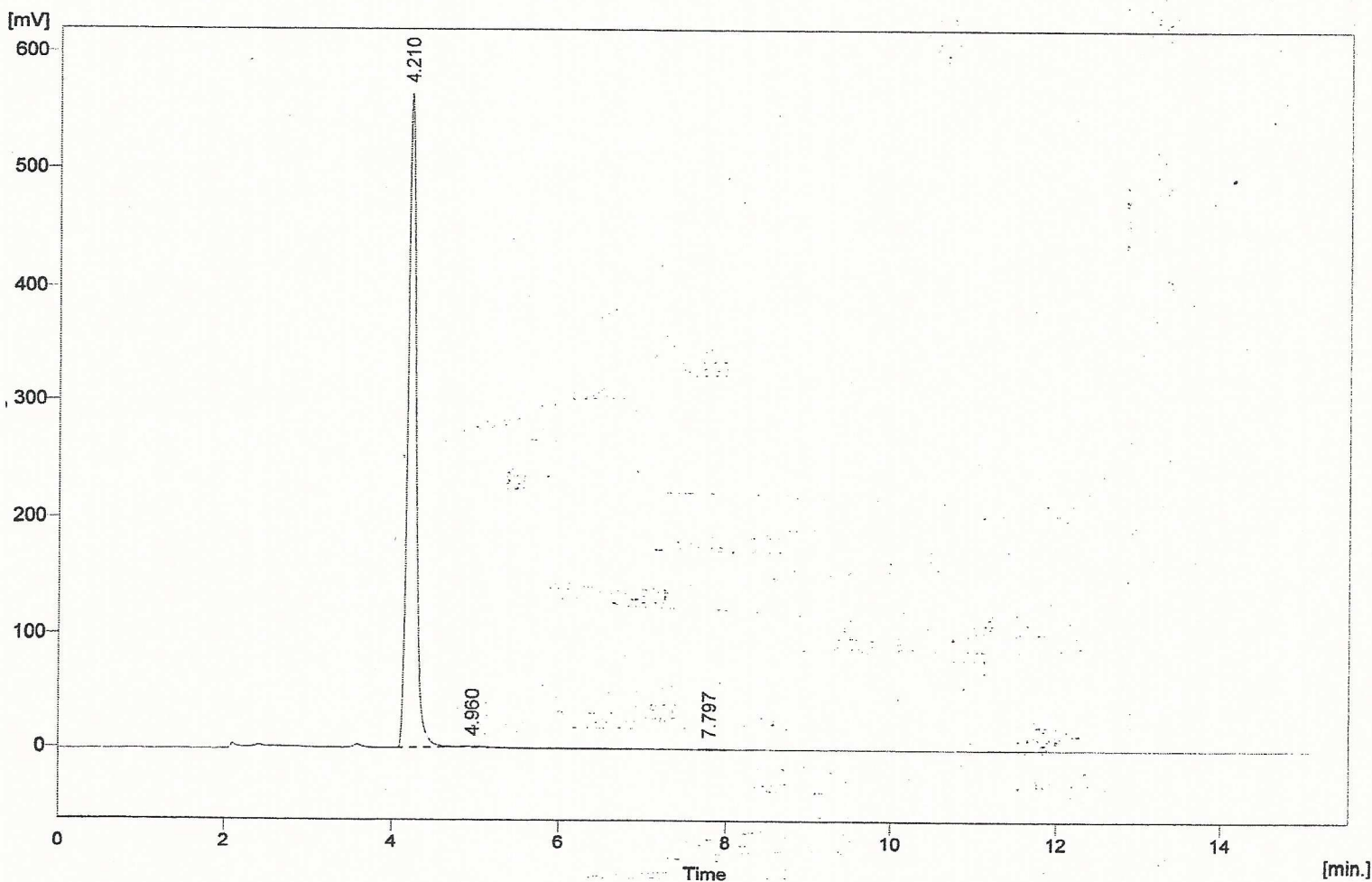
Product Name: 6-Chloro-4-chromanone

Lot No.: 0606053

Sample Info:

Sample ID : NP-001
Sample : 6-CHLORO-4-CHROMANONE
Inj. Volume [ml] : 0

Amount : 0
ISTD Amount : 0
Dilution : 1



Result Table (Uncal - E:\HPLC\NP-060011)

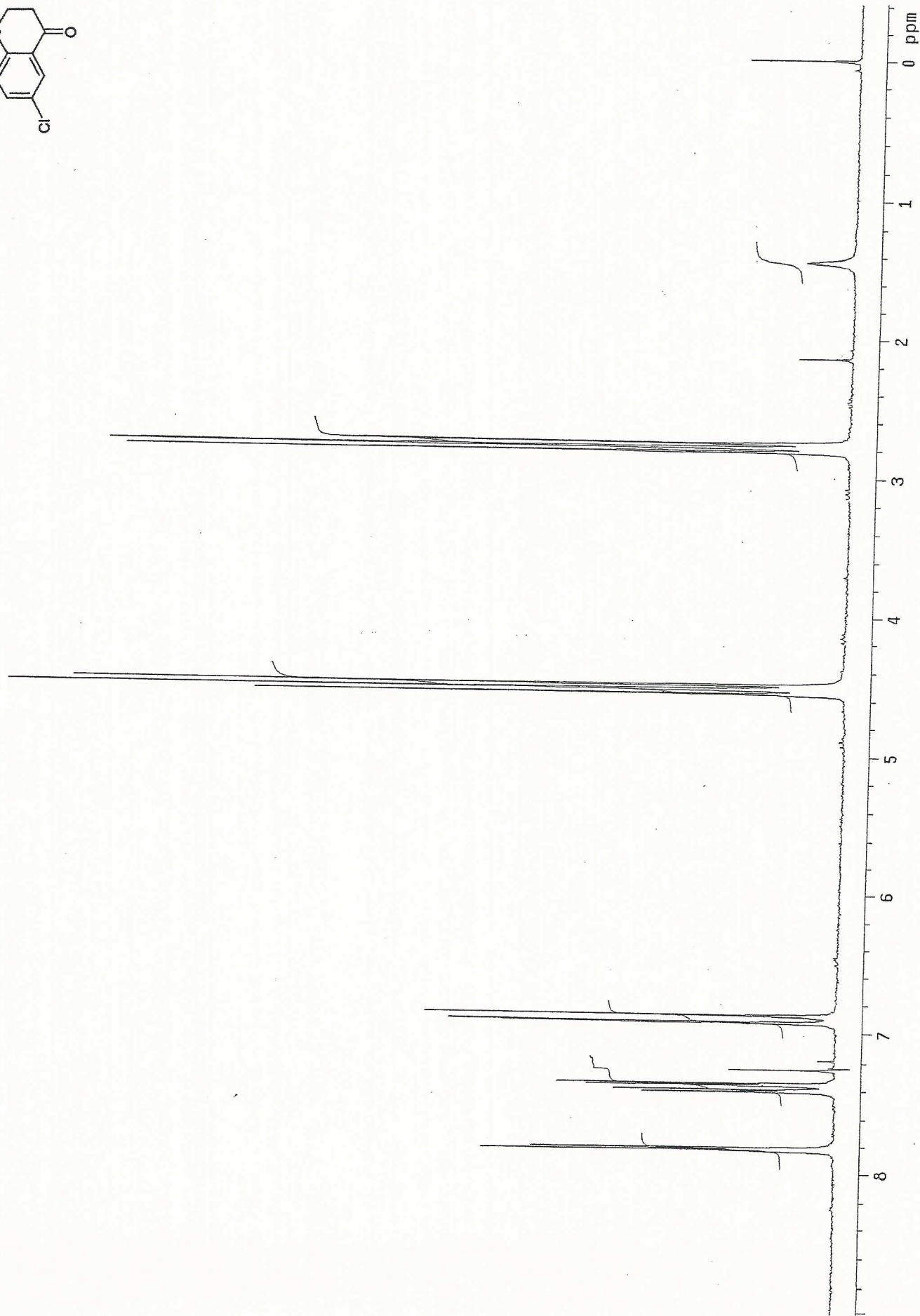
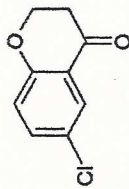
	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]
1	4.210	3933.220	563.248	99.6
2	4.960	8.279	0.590	0.2
3	7.797	6.870	0.481	0.2
	Total	3948.368	564.319	100.0

Mobile phase : Acetonitrile: water (80+20), Wave Length : 254 nm,
Column : C₁₈(250x4.6mm), Flow rate : 1.0ml/min



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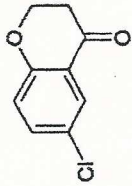
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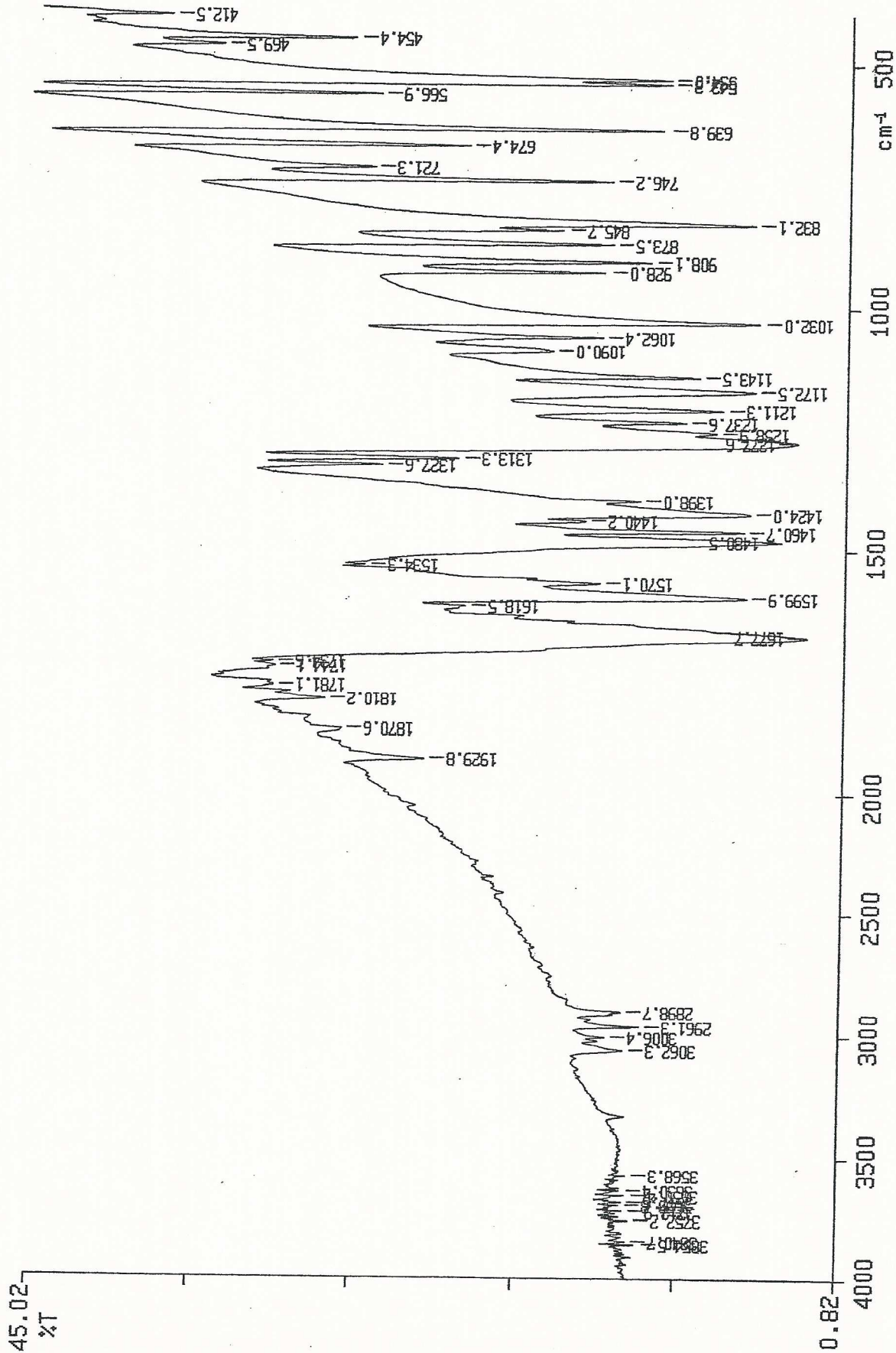


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PERKIN ELMER



X: 1 scan, 4.0cm-1