



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

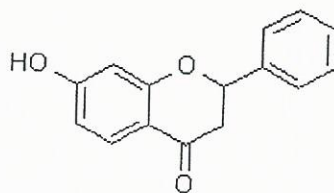
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: H-024

Product name: 7-HYDROXYFLAVANONE
CAS Number: [6515-36-2]
Lot Number: 98043
Chemical Formula: C₁₅H₁₂O₃
Molecular Weight: 240.26
Melting Point: 188-190°C
Appearance: Pale pink powder
TLC: Hexane:ethyl acetate (7:3)
Solubility: Soluble in chloroform
Storage: Cool dry place
Purity: 99.73%



H-024



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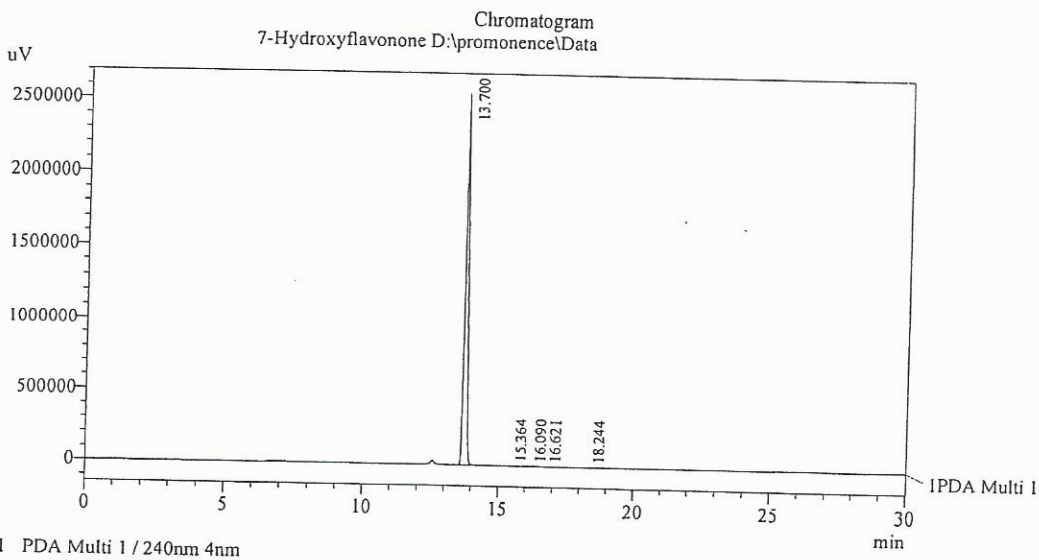
HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 7-Hydroxyflavonone
 Sample ID : Lot No:- 98043
 Injection Volume : 20 uL
 Data Filename : 151211D.lcd
 Method Filename : Linear Gradient.M.lcm

Cat. No.: H-024
 Product name: 7-Hydroxyflavonone
 Lot No.: 98043

Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)
 Flow : 1.000 mL/min.
 Mobile Phase : A(0.05% TFA in water) B(Acetonitrile)

0.01	90	10
12.0	10	90
20.0	10	90
25.0	90	10
30.0	90	10



1 PDA Multi 1 / 240nm 4nm

PDA Ch1 240nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:13.700	13.700	19273335	99.73	1.00
2	RT:15.364	15.364	8524	0.04	1.12
3	RT:16.090	16.090	20165	0.10	1.17
4	RT:16.621	16.621	12850	0.07	1.21
5	RT:18.244	18.244	10383	0.05	1.33
Total			19325257	100.00	

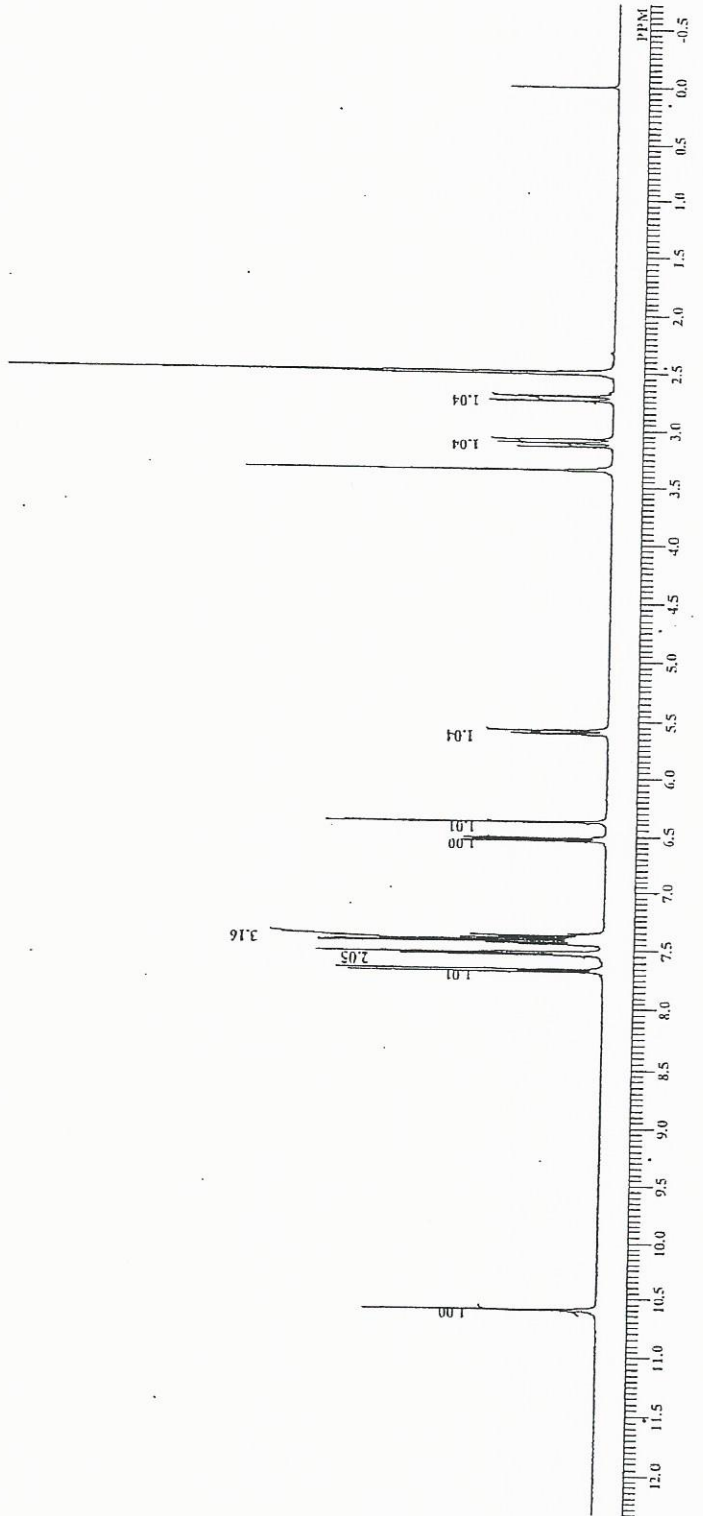


INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

D\FILE ICC-3.m4s
COMNT ICC-3 1H NMR DMSO-D6
OBNUC 1H
EXM10D NON
OBENQ 399.65 MHz
OBSET 124.00 KHz
OBFTN 10500.00 Hz
POINT 65536
FREQU 7992.01 Hz
SCANS 16
ACQTM 8.2002 sec
PD 1.0000 sec
FV1 5.60 usec
IRNUC 1H 23.6 c
DMSO
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 21

ICC-3 1H NMR DMSO-D6

Cat. No.: H-024
Product name: 7-Hydroxyflavanone
Lot No.: 98043



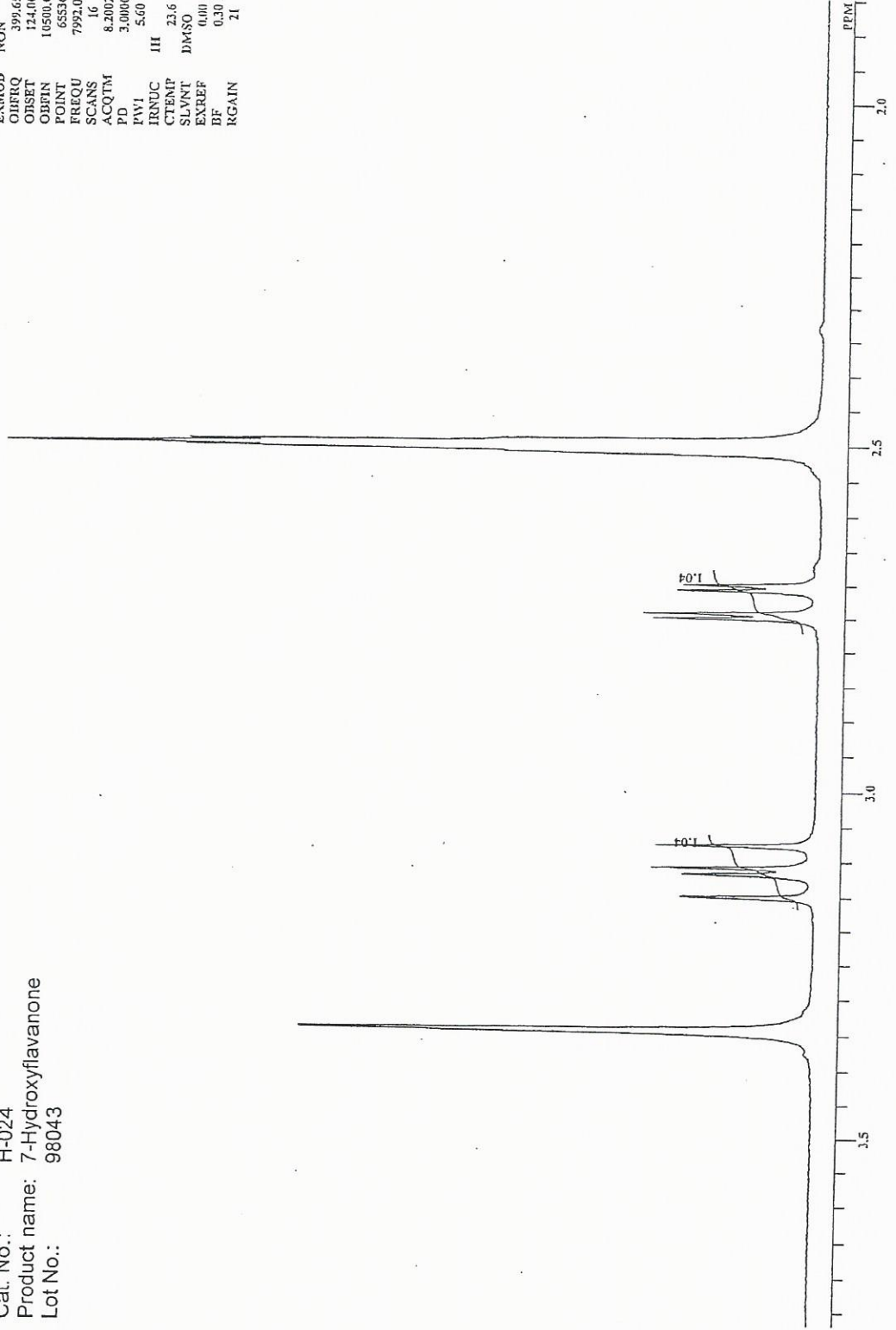


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ICC-3 IH NMR DMSO-D6

Cat. No.: H-024
Product name: 7-Hydroxyflavanone
Lot No.: 98043

DFILE ICC-3.a1s
COMMT ICC-3 IH NMR DMSO-D6
OBNUC IH
EXMOD NON
OBSFRQ 399.65 MHz
OBSSET 124.00 KHz
OBSFIN 10500.00 Hz
POINT 65536
FREQU 7992.01 Hz
SCANS 16
ACQTM 8.2002 sec
PD 3.0000 sec
PWI 5.60 usec
IRNUC IH
CTEMP 23.6 c
SLVNT DMSO
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 21



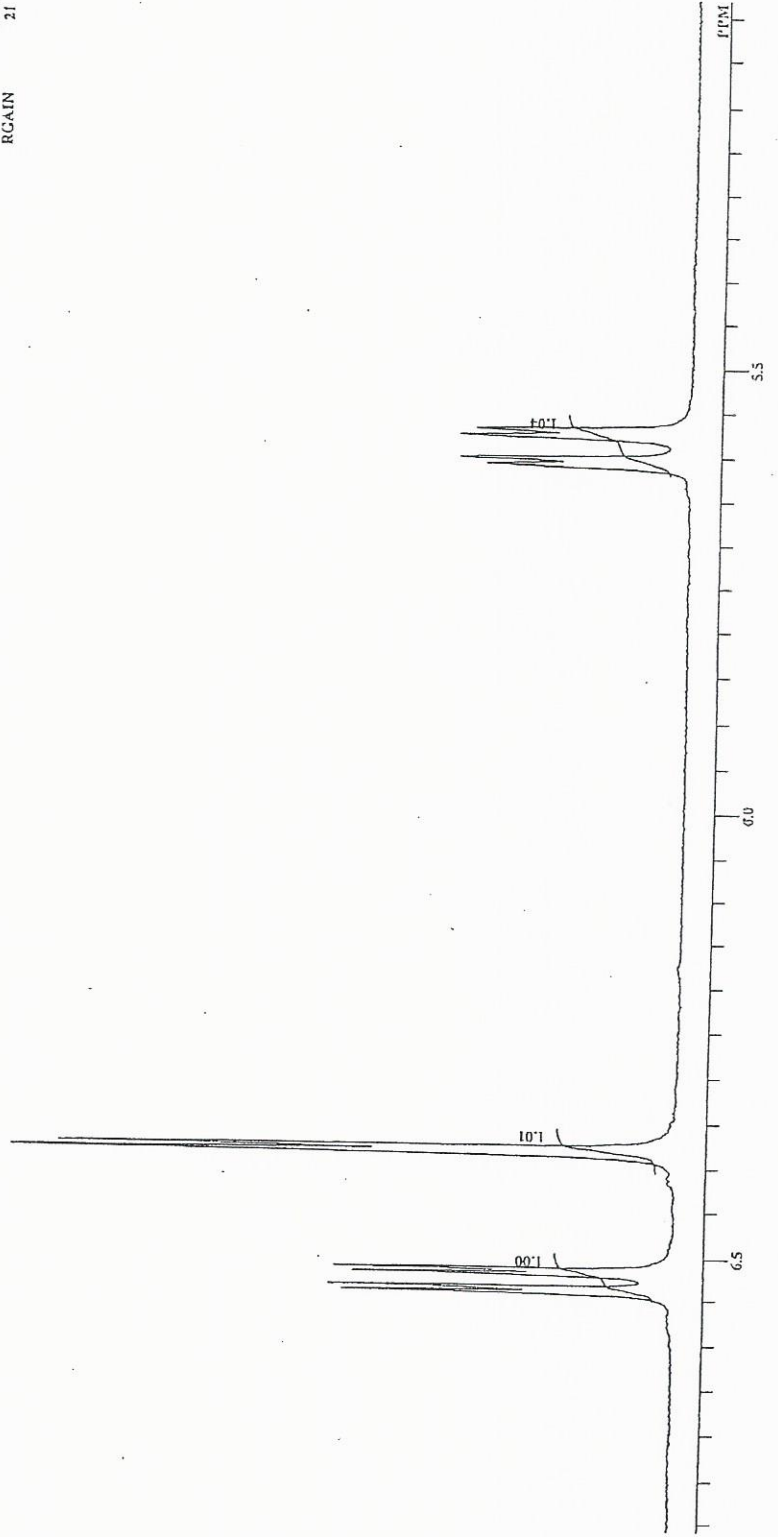


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DMILE ICC-3.d1k
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ICC-3 IH NMR DMSO-D6

Cat. No.: H-024
Product name: 7-Hydroxyflavanone
Lot No.: 98043

DFILE ICC-3.rhs
COMINT ICC-3 IH NMR DMSO-D6
OHNUC IH
EXMOD NON
ORFREQ 399.65 MHz
ORSET 124.00 KHz
ORFIN 10800.00 Hz
POINT 68536
FREQU 7992.01 Hz
SCANS 16
ACQTM 8.2002 sec
PD 3.0000 sec
PWI 5.60 usec
IRNUC IH
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EXREF 0.00 ppm
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