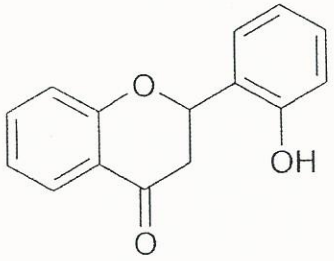
INDOFINE Chemical Company, Inc.

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:	H-021
Product Name:	**2'-HYDROXYFLAVANONE**
Cas Number:	[17348-76-4]
Lot Number:	1609890
Chemical Formula:	$C_{15}H_{12}O_3$
Molecular Weight:	240.26
Melting Point:	164-167°C
Appearance:	Off white powder
Solubility(Color):	Faint yellow
Solubility(Turbidity) (50 mg/ml MeOH)	Clear
Moisture (KF):	0.28%
TLC:	n-Hexane : Ethyl acetate (8:2)
NMR Spectrum:	Enclosed (Conforms to the structure)
Storage:	Store in a cool, dry place
Purity(HPLC):	99.36%



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HPLC ANALYSIS

Acquired by	: Admin
Sample Name	: 2'-Hydroxyflavanone
Sample ID	: 510 gm
Injection Volume	: 1 uL
Data Filename	: 190916A.lcd
Method Filename	: Linear Gradient.M.lcm
Report Filename	: Default.lcr

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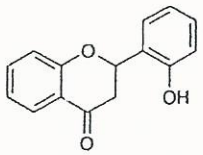
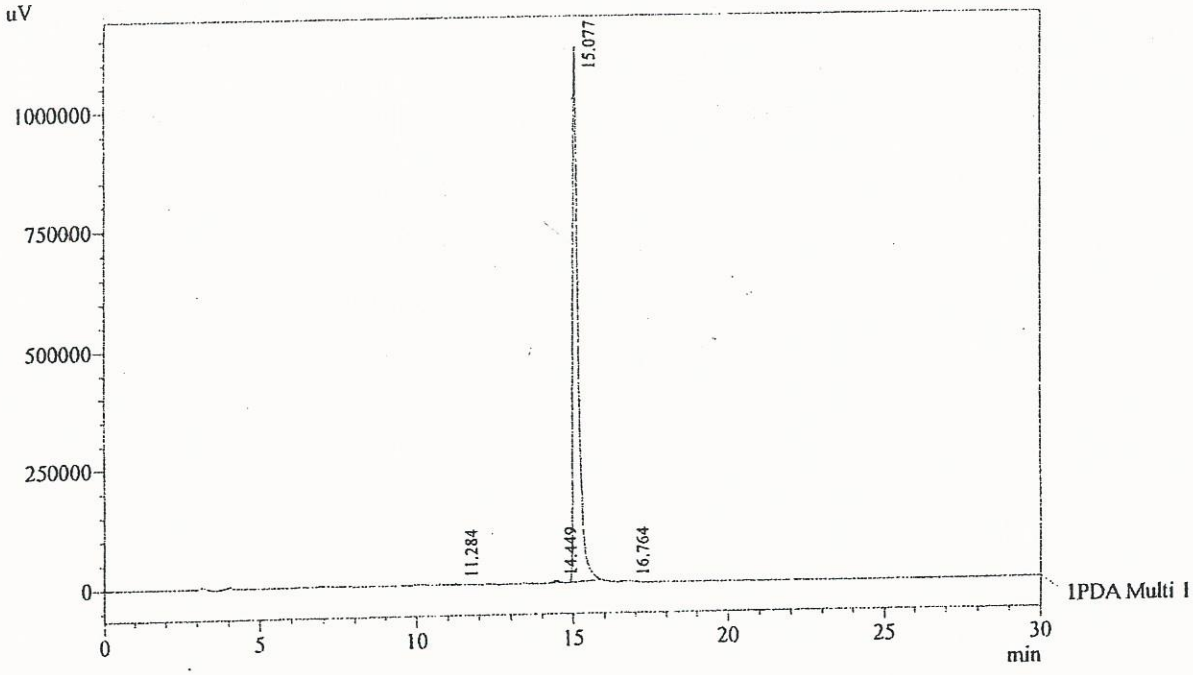


Chromatogram
2'-Hydroxyflavanone F:\promonence\Data



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:11.284	11.284	25818	0.20	0.00
2	RT:14.449	14.449	44772	0.35	0.00
3	RT:15.077	15.077	12867089	99.36	0.00
4	RT:16.764	16.764	12442	0.10	0.00
Total			12950121	100.00	

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

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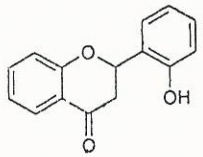
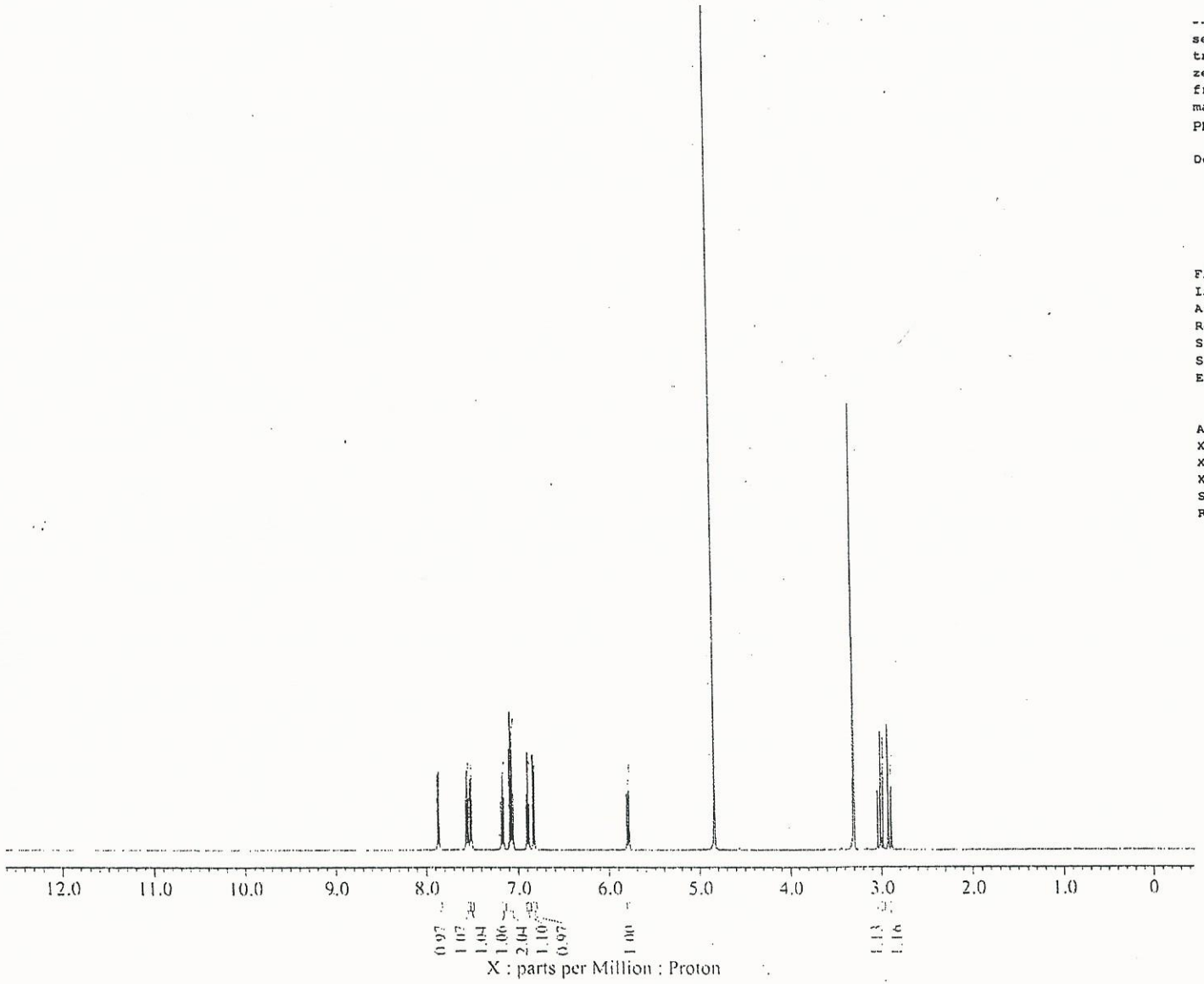
Lot No.: 1609890



2_-HFL_proton-1-4.jdf




```
---- PROCESSING PARAMETERS ----
sexp( 0.2[Hz], 0.0[s] )
trapezoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 1 )
fft( 1, TRUE, TRUE )
machinephase
ppm

Derived from: 2_-HFL_proton-1-1.jdf
```

```
Filename          = 2_-HFL_proton-1-4.jdf
Instrument id     - NMR-02
Author            = gry1243
Reviewed by       - CHR
Solvent           = METHANOL-D4 .
Spectrometer      = JNM-ECZ500R/S1
Experiment        = proton.jxp
```

```
Acquisition Parameter
X_Domain          = 1H
X_Offset          = 7.0[ppm]
X_Sweep           = 11.28158845[kHz]
Scans             = 16
Relaxation_Delay  = 2[s]
```

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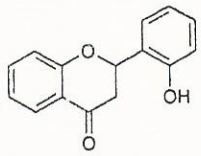

2_-HFL_proton-1-4.jdf

JEOL

```
---- PROCESSING PARAMETERS ----
sexp( 0.2[Hz], 0.0[s] )
trapezoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 1 )
fft( 1, TRUE, TRUE )
machinephase
ppm

Derived from: 2_-HFL_proton-1-1.jdf
```

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