

**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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

**CERTIFICATE OF ANALYSIS**

**Cat No.: 22-324**

Product: **6,2',3'-TRIHIDROXYFLAVONE**

Lot Number: 1108148

Chemical Formula: C<sub>15</sub>H<sub>10</sub>O<sub>5</sub>

Molecular Weight: 270.25

Appearance: Off white powder

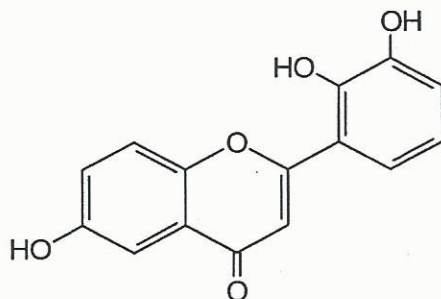
Melting point: >280°C

Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9:1) Single compound

Moisture content: 0.56

Assay(HPLC): 99.1%





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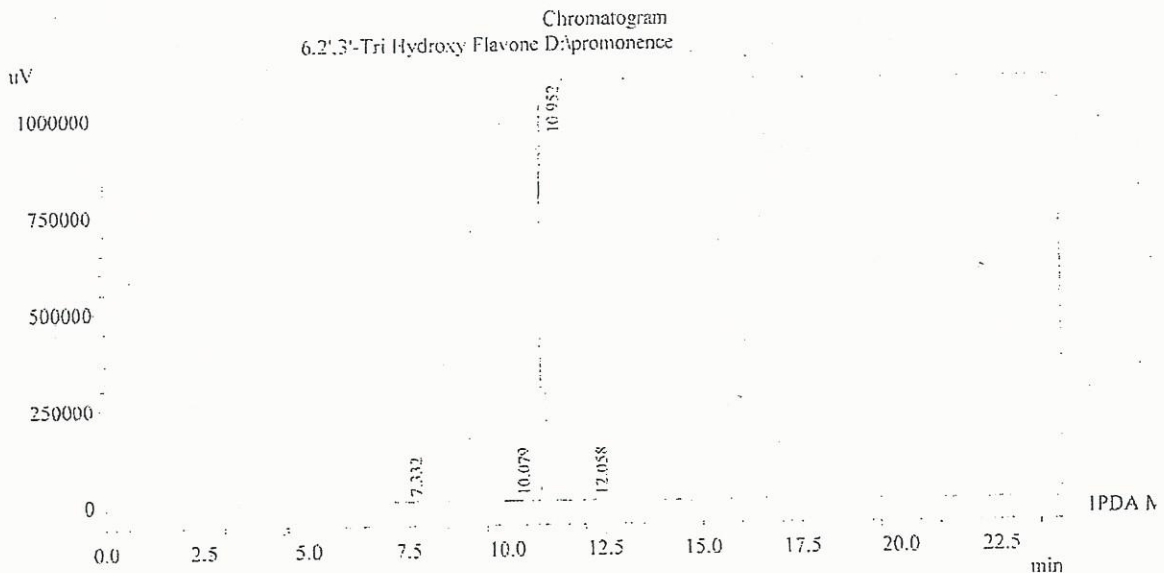
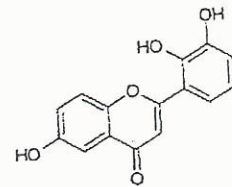
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

Acquired by : Rama krishna  
 Sample Name : 6,2',3'-Tri Hydroxy Flavone  
 Sample ID : 50gm  
 Injection Volume : 20 uL  
 Data Filename : 250711K.lcd  
 Method Filename : Linear Gradient.M.lcm

Cat. No.: 22-324  
 Product name: 6,2',3'-Trihydroxyflavone  
 Lot No.: 1108148

Description:  
 Column : Phenomenex C-18. 250X4.6mm 5.0µm  
 Flow : 1.000ML/min.  
 Mobile Phase : A(Water 0.05% TFA) : B( ACN)  
 00.01 : 90 : 10  
 12.00 : 10 : 90  
 20.00 : 10 : 90  
 23.00 : 90 : 10



Pe:1 PDA Multi 1 / 240nm 4nm  
 PDA Ch1 240nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	7.332	28176	3087	0.447
2	10.079	14141	1468	0.224
3	10.952	6248434	1028556	99.156
4	12.058	1015	1207	0.172
Total		6301596	1034318	100.000



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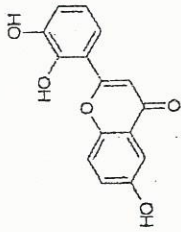
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Tri-OH 1H NMR DMSO-d6

Cat. No.: 22-324

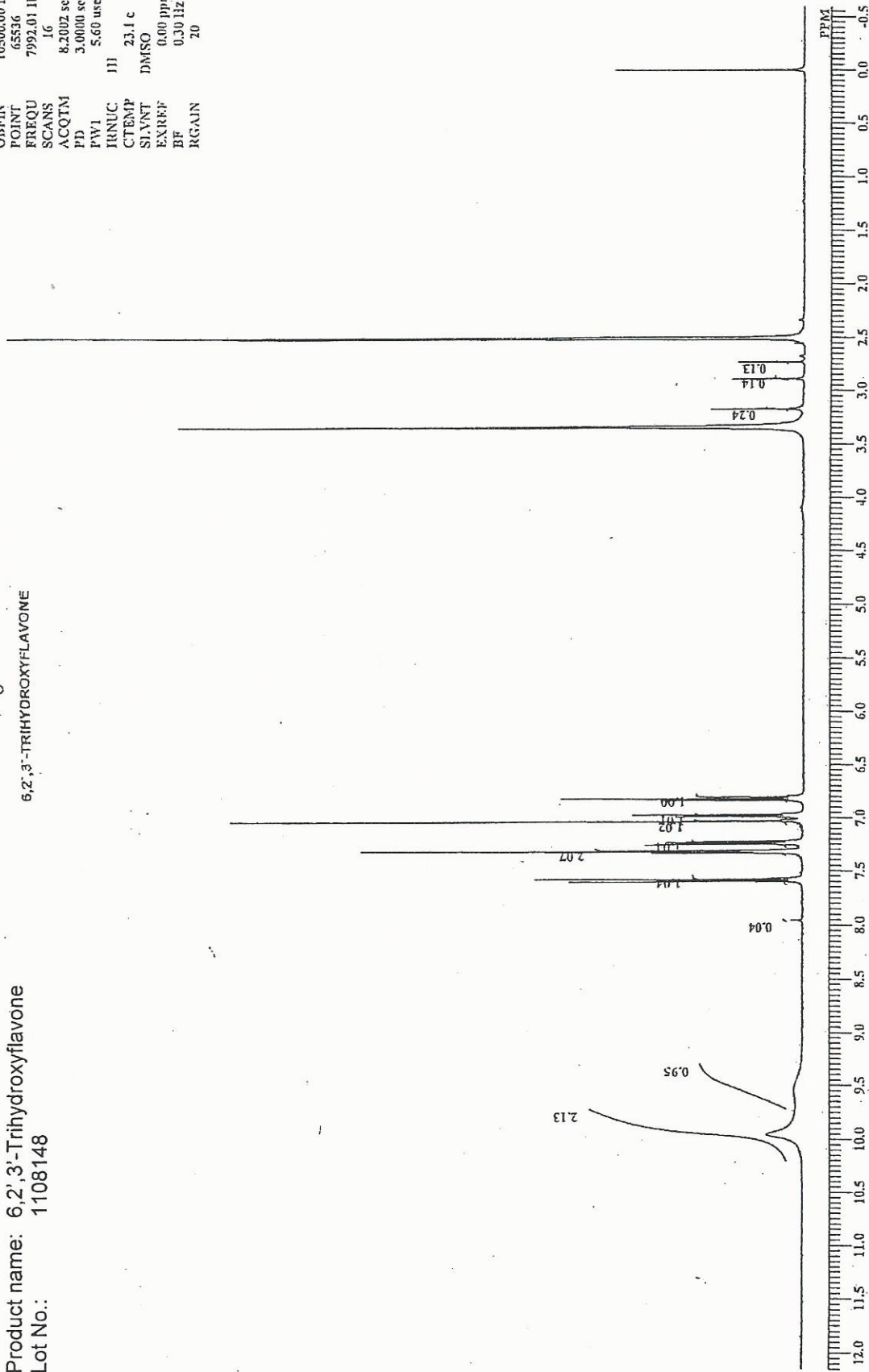
Product name: 6,2',3'-Trihydroxyflavone

Lot No.: 1108148



6,2',3'-TRIHYDROXYFLAVONE

OBNUC JH  
EXMOD NON  
OBFRQ 399.65 MHz  
OBSET 124.00 kHz  
OBFIN 10500.00 Hz  
POINT 65536  
FREQU 7992.01 Hz  
SCANS 16  
ACQTM 8.2002 sec  
PD 3.0000 sec  
PW1 5.60 usec  
IRNUC JH  
CTEMP 23.1 c  
SOLNT DMSO  
EXREF 0.00 ppm  
BF 0.30 Hz  
RGAIN 20



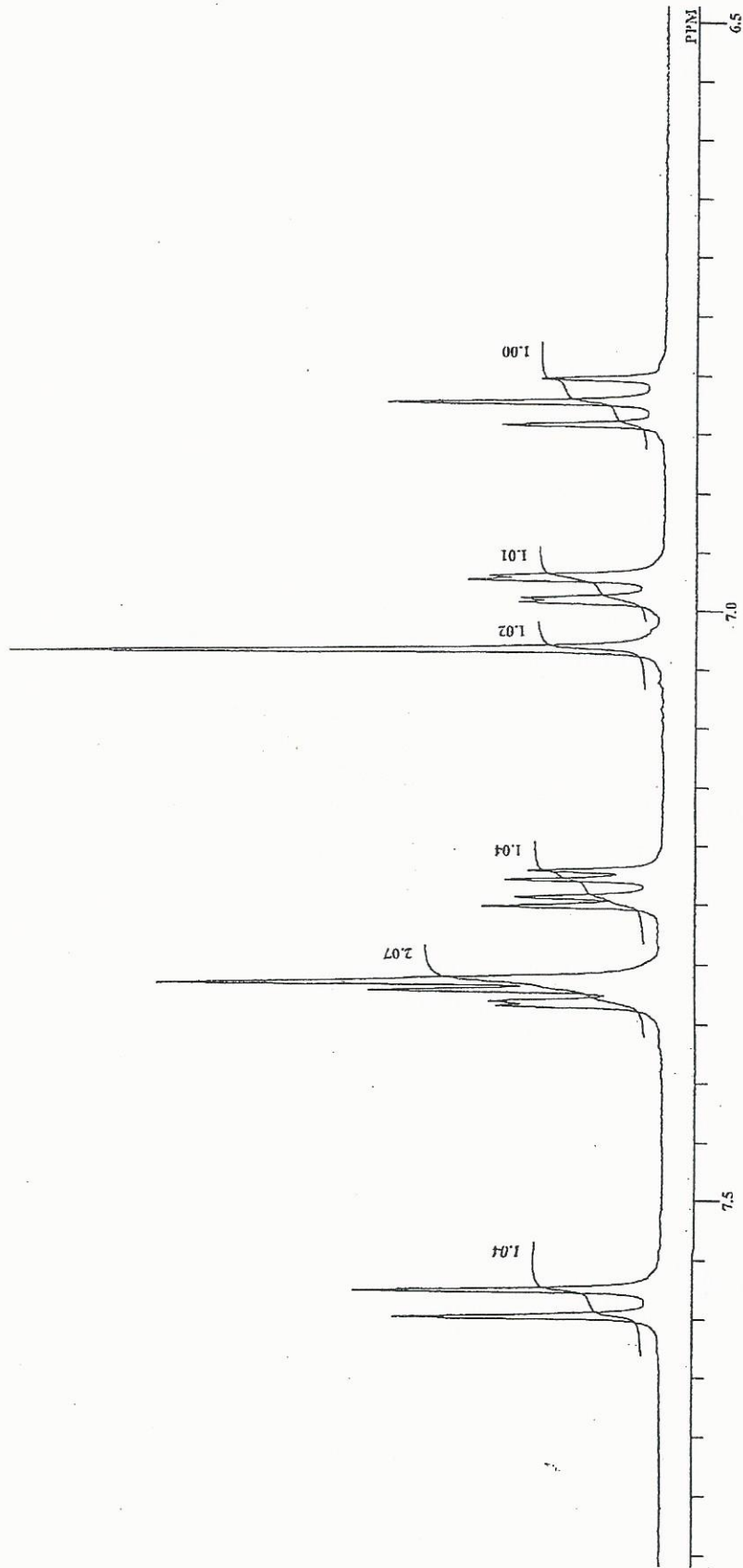


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<sup>1</sup>H-NMR DMSO-d<sub>6</sub>

Cat. No.: 22-324  
Product name: 6,2',3'-Trihydroxyflavone  
Lot No.: 1108148

OBNUC	IH
EXMOD	NON
OBFIQ	399.65 MHz
ORSET	124.00 KHz
OBFIN	10500.00 Hz
POINT	65536
FREQU	7992.01 Hz
SCANS	16
ACQTM	8.2002 sec
PD	3.0000 sec
PW1	5.60 usec
IRNUC	IH
CTEMP	23.1 c
SLVNT	DMSO
EXREF	0.00 ppm
BF	0.30 Hz
RGAIN	20





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BLDG. 30, SUITE 1

HILLSBOROUGH, NJ 08844

Cat. No.: 22-324

Product name: 6,2',3'-Trihydroxyflavone

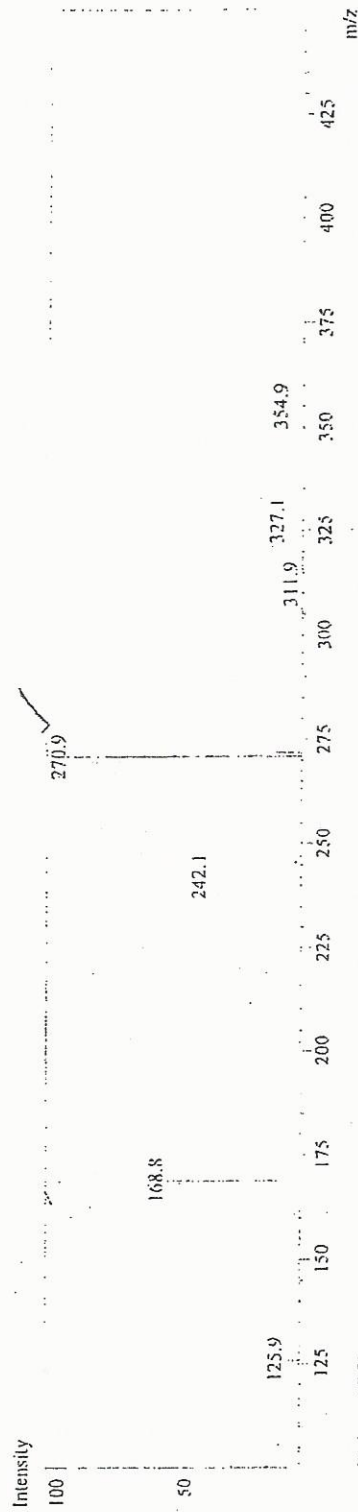
Lot No.: 1108148

Sample Information

Sample Name : Tri-OH  
Sample ID :  
Data File : Tri-OH-01.tcd  
Method File : Test1(APCI).dem  
Acquired by : YRB

MS Spectrum Graph

Probe : APCI  
Polarity:Pos



Probe : APCI  
Polarity:Neg

