



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: T-405

Product: **3,6,4'-TRIHYDROXYFLAVONE**

Lot Number: 93029

Chemical Formula: C₁₅H₁₀O₅

Molecular Weight: 270.25

Melting Point: >290°C

Appearance: Light yellow powder

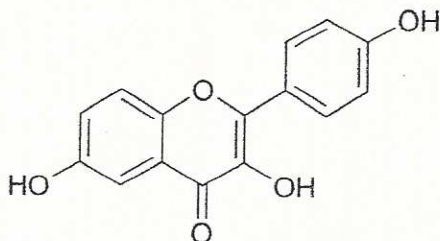
Solubility: Soluble in DMSO

TLC: Chloroform : Methanol (8:2)

NMR Spectrum: Enclosed (Conforms to the structure)

Storage: Cool and dry place

Purity (HPLC): 99.45%





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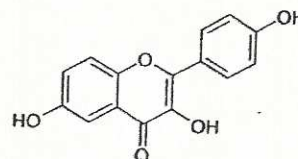
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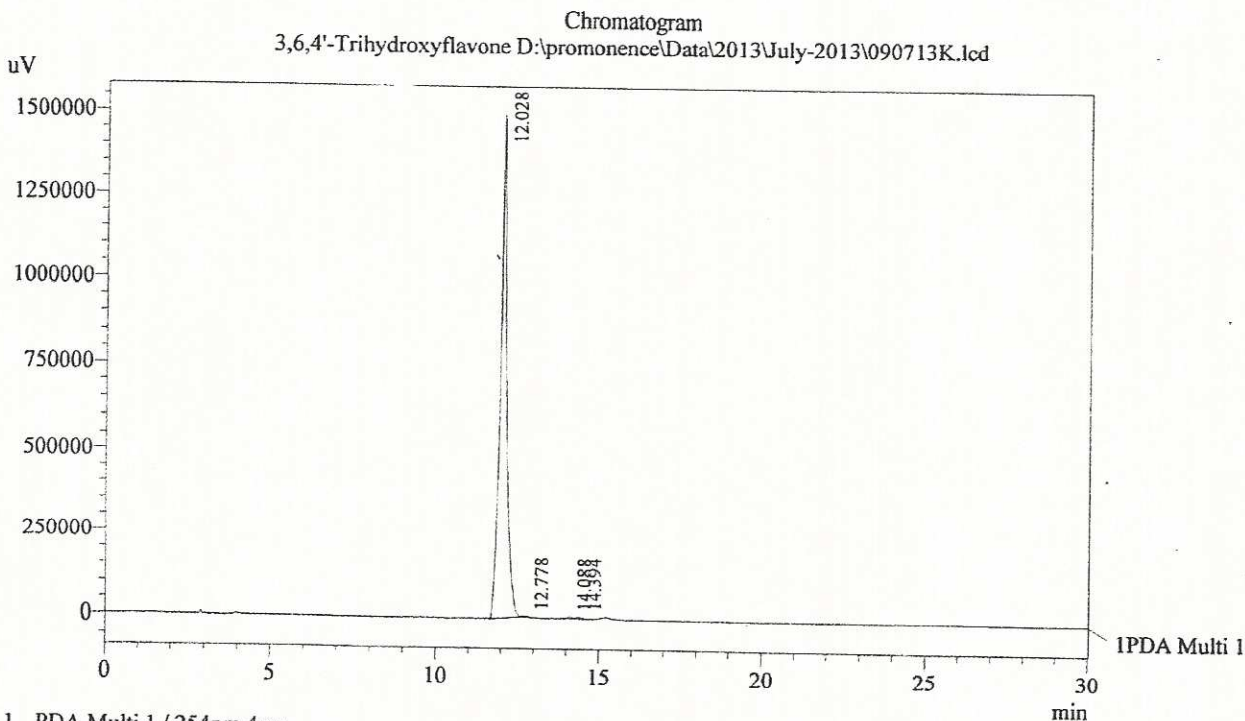
HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 3,6,4'-Trihydroxyflavone
 Sample ID : Lot No: 93029
 Injection Volume : 20 uL
 Data Filename : 090713K.lcd
 Method Filename : Linear Gradient V1.lcm

Catalog No.: T-405
 Product Name: 3,6,4'-Trihydroxyflavone
 Lot No.: 93029



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
 23.0 90 10
 30.0 90 10
 Diluent : Methanol



1 PDA Multi 1 / 254nm 4nm

PeakTable

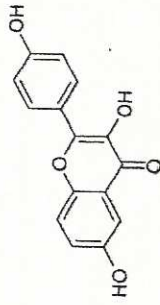
PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	3,6,4'-Trihydroxyflavone	12.028	20071090	99.45	1.00
2	RT:12.778	12.778	13263	0.07	1.06
3	RT:14.088	14.088	43161	0.21	1.17
4	RT:14.394	14.394	55169	0.27	1.20
Total			20182684	100.00	



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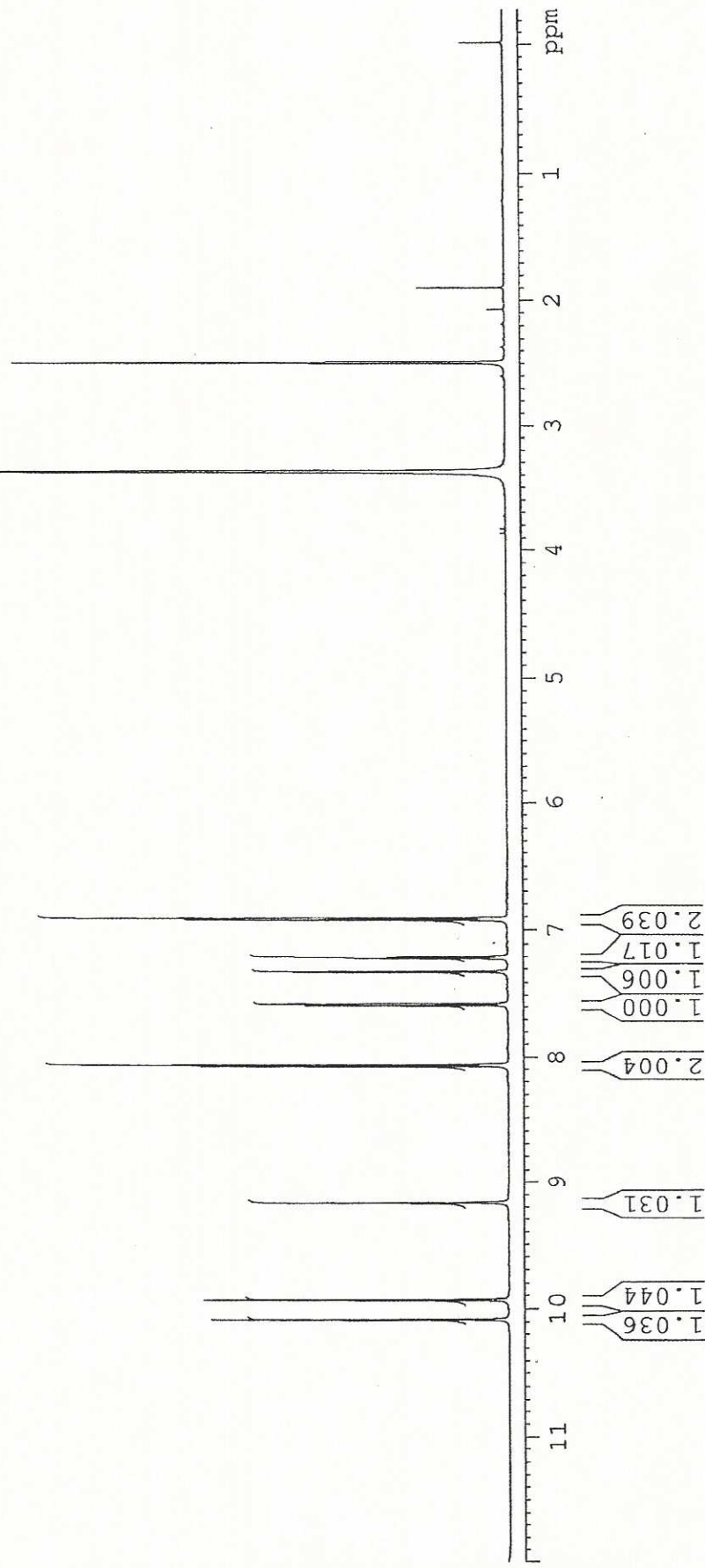
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 Lot No.: 93029



1H IN DMSO
 AVANCE-600

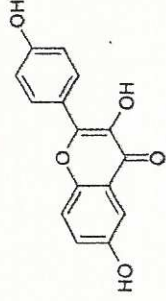
SOLVENT DMSO
 NS 16
 DS 0
 SWH 9803.922 Hz
 FIDRES 0.326819 Hz
 AQ 1.5299480 sec
 RG 22.6
 DW 51.000 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.50000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584448 W
 SF01 600.3345228 MHz
 SI 32768
 SF 600.3300116 MHz
 EM
 WDW 0
 SSB 0.30 Hz
 LB 0
 GB 0
 PC 1.00

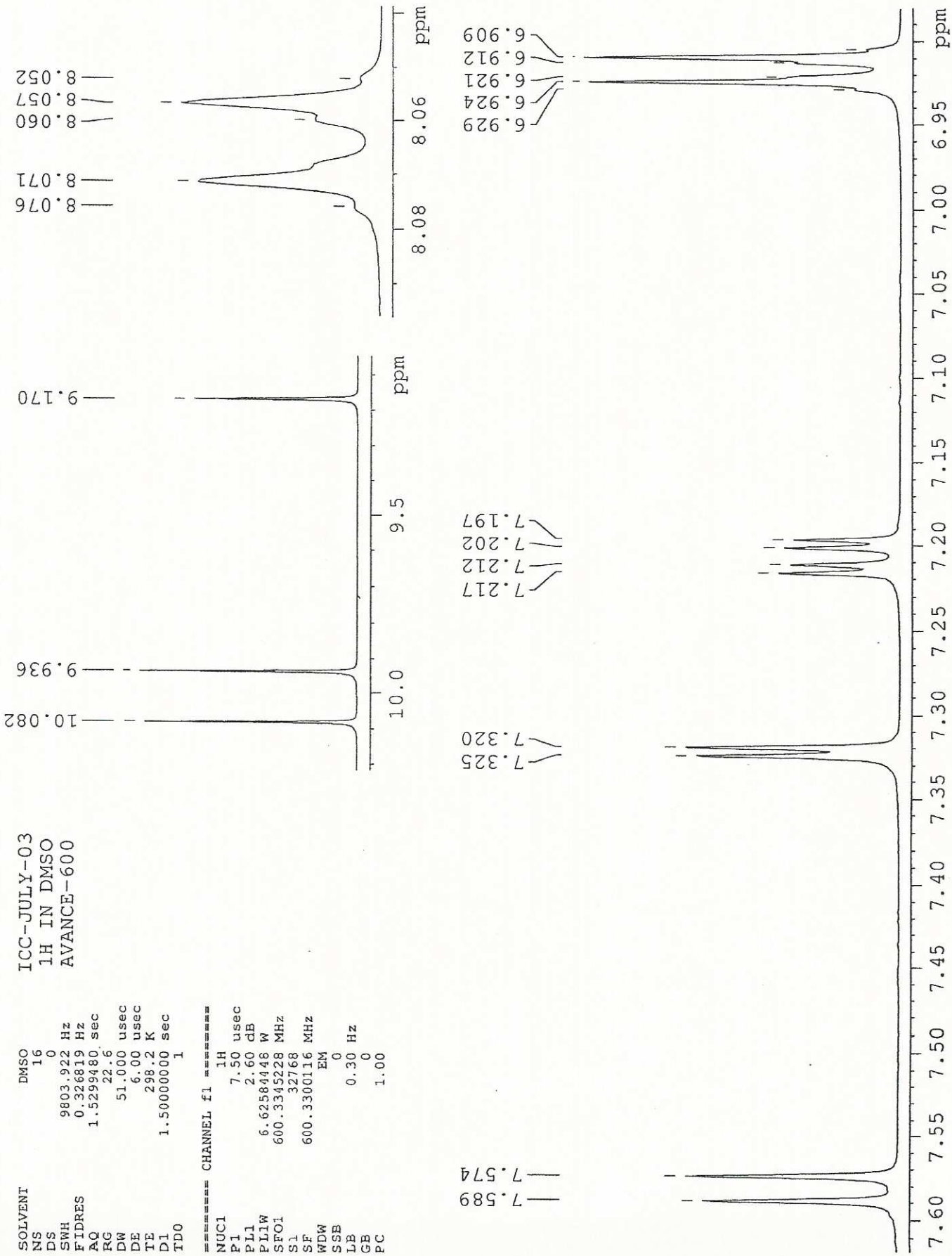




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Catalog No.: T-405
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 Lot No.: 93029



ICC-JULY-03
 1H IN DMSO
 AVANCE-600

SOLVENT DMSO
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 SWH 9803.922 Hz
 FIDRES 0.326819 Hz
 AQ 1.5299480 sec
 RG 22.6
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