

IGC **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.: 021135S

Product: **QUERCETIN with HPLC**

CAS Number: [117-39-5]

Lot Number: 0608081

Chemical Formula: $C_{15}H_{10}O_7$

Molecular Weight: 302.25

Melting Point: ~312°C

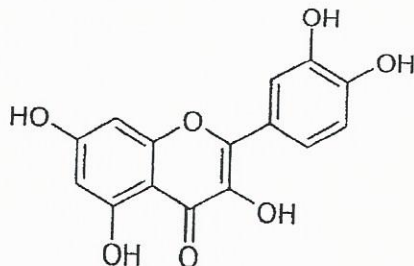
Appearance: Yellow powder

Solubility: Soluble in DMSO

Loss on Drying: 0.49%

Storage: Cool dry place

Purity(HPLC): 99.52%





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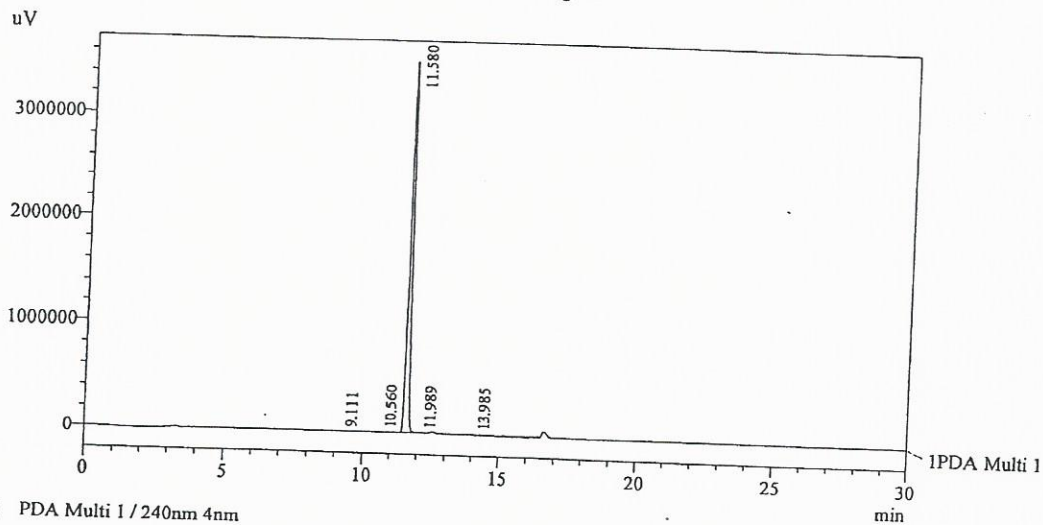
HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : Quercetin
Sample ID : Lot No:- 0608081
Injection Volume : 20 uL
Data Filename : 170112G.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: 021135S
Product name: Quercetin
Lot No.: 0608081

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

Chromatogram



1 PDA Multi 1 / 240nm 4nm

PeakTable

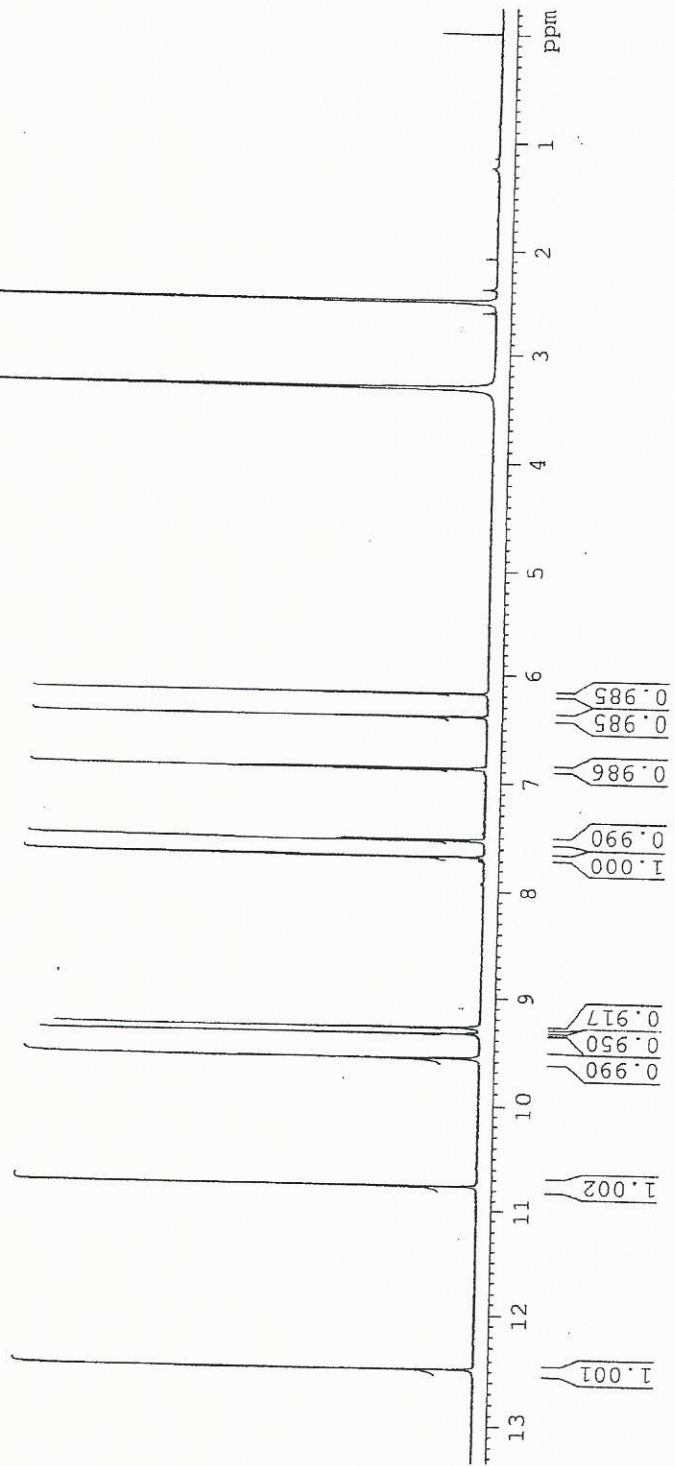
Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.111	9.111	27080	0.11	0.79
2	RT:10.560	10.560	19193	0.08	0.91
3	RT:11.580	11.580	24740130	99.53	1.00
4	RT:11.989	11.989	10622	0.04	1.04
5	RT:13.985	13.985	61156	0.25	1.21
Total			24858181	100.00	



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121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: 021135S
Product name: Quercetin
Lot No.: 0608081

ICC-13
1H IN DMSO
AVANCE-600





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