



# 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

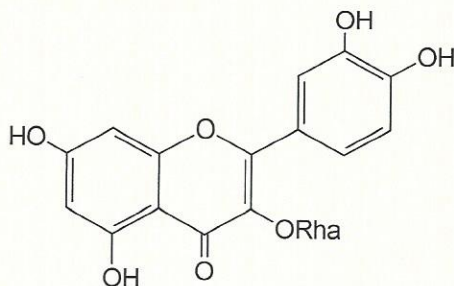
website: [www.indofinechemical.com](http://www.indofinechemical.com)

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

## CERTIFICATE OF ANALYSIS

CAT. No.: 06-067

<u>Product Name:</u>	<b>QUERCITRIN</b> (Quercetin-3-O-rhamnoside)
<u>CAS No.:</u>	[522-12-3]
<u>Lot Number:</u>	0905031
<u>Chemical Formula:</u>	C <sub>21</sub> H <sub>20</sub> O <sub>11</sub>
<u>Molecular Weight:</u>	448.38
<u>Melting Point:</u>	183-185°C
<u>Appearance:</u>	Yellow powder
<u>TLC:</u>	Chloroform: Methanol (8:2)
<u>Solubility:</u>	Soluble in DMF
<u>Storage:</u>	Cool dry place
<u>Purity (HPLC):</u>	99.03%





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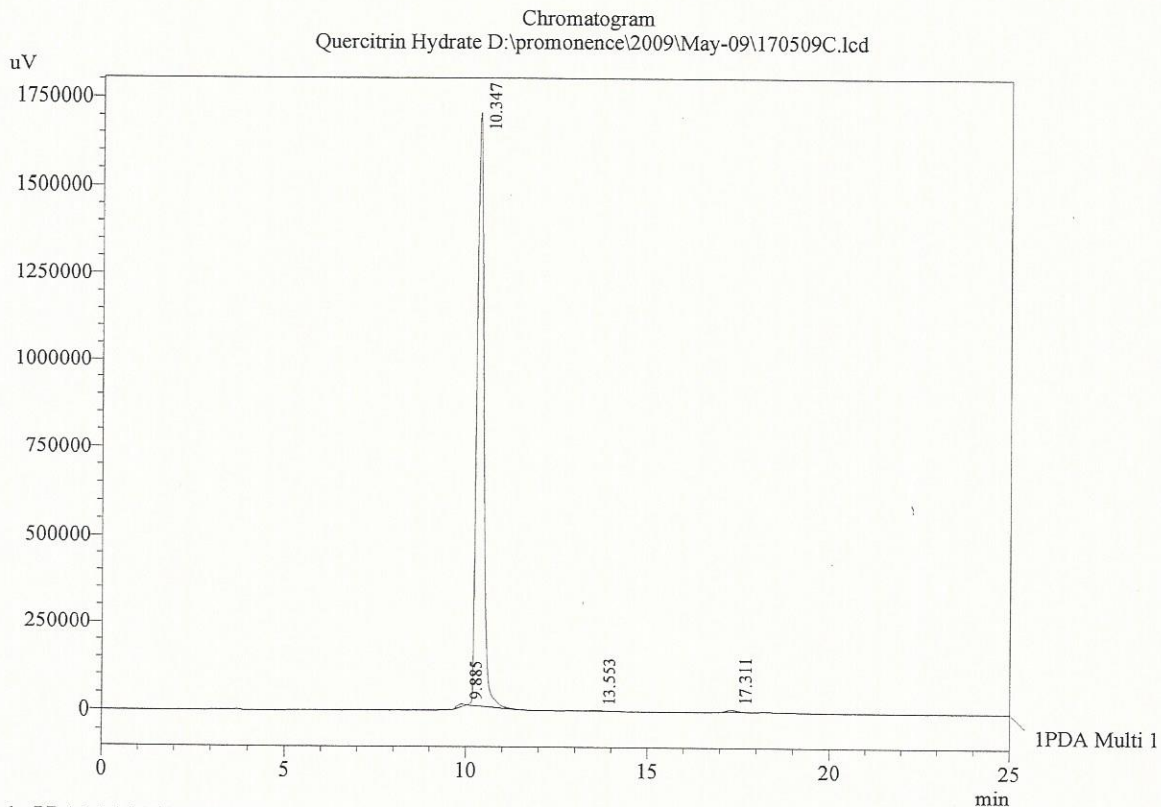
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Cat. No.: 06-067  
Product: Quercitrin  
(Quercetin-3-O-rhamnoside)  
Lot No.: 0905031

Date Acquired : 5/17/2009 12:27:44 PM  
Acquired by : Ramana  
Sample Name : Quercitrin  
Sample ID : Indofine (Lot No.0905031)  
Injection Volume : 20 uL  
Data Filename : 170509C.lcd  
Method Filename : Linear Gradient.M.lcm

Description:  
Column : Inertsil 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



1 PDA Multi 1 / 254nm 4nm

PeakTable

Ch1 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	9.885	96656	7145	0.429
2	10.347	22337175	1695029	99.033
3	13.553	26904	1447	0.119
4	17.311	94661	5012	0.420
Total		22555396	1708632	100.000