



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

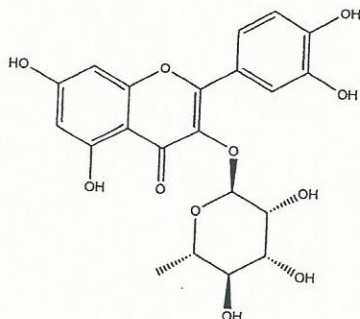
Phone: (908) 359-6778 • FAX: (908) 359-1179

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

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

## CERTIFICATE OF ANALYSIS

<u>Catalog Number:</u>	06-067
<u>Product Name:</u>	<b>QUERCITRIN HYDRATE</b> (Quercetin-3-O-rhamnoside)
<u>Cas Number:</u>	[522-12-3]
<u>Lot Number:</u>	1607862
<u>Chemical Formula:</u>	$C_{21}H_{20}O_{11}$
<u>Molecular Weight:</u>	448.38
<u>Appearance:</u>	Light yellow powder
<u>Loss on drying:</u>	1.8%
<u>Solubility:</u>	Soluble in DMSO
<u>Storage:</u>	Store in a cool, dry place. Protect from light.
<u>Purity(HPLC):</u>	98.15%





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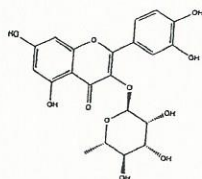
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## HPLC ANALYSIS



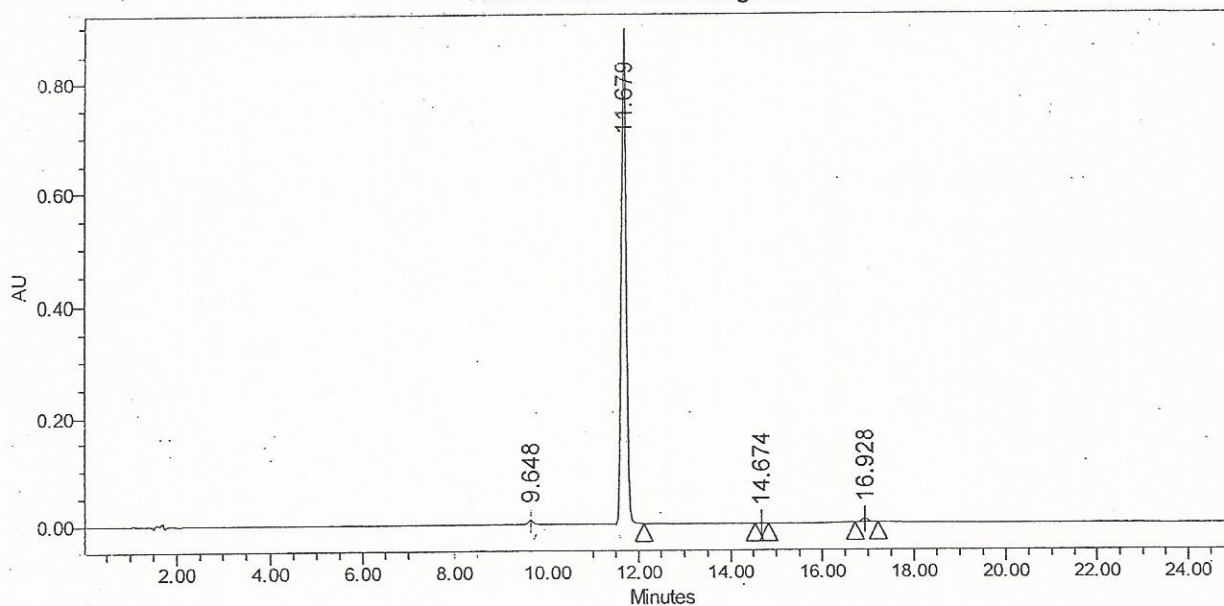
Catalog No.: 06-067  
Product Name: Quercitrin hydrate  
Lot No.: 1607862

### SAMPLE INFORMATION

Sample Name: Quercitrin  
Sample Type: Unknown  
Vial: 98  
Injection #: 1  
Injection Volume: 5.00 ul  
Run Time: 25.0 Minutes

Sample Set Name:  
Acq. Method Set: Quercitrin  
Processing Method: Samples  
Channel Name: 256.0nm  
Proc. Chnl. Descr.: PDA 256.0 nm

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		9.648	54300	0.82	43951.95	
2		11.679	6466398	98.15	55464.10	10.48
3		14.674	5829	0.09	73501.34	13.67
4		16.928	61794	0.94	60027.17	8.60