

# **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

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## CERTIFICATE OF ANALYSIS

Catalog Number: 06-067

Product Name: **QUERCITRIN HYDRATE**  
(Quercetin-3-O-rhamnoside)

Cas Number: [522-12-3]

Lot Number: 2212743

Chemical Formula: C<sub>21</sub>H<sub>20</sub>O<sub>11</sub>

Molecular Weight: 448.38

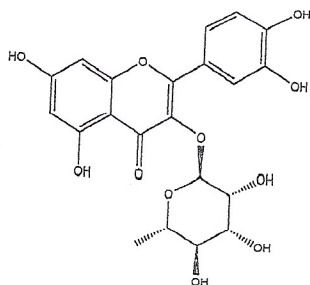
Appearance: Yellow powder

Solubility: Soluble in DMSO

Water Content: 4.0%

Storage: Store in a cool, dry place. Protect from light.

Purity(HPLC): 98.8%



Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP



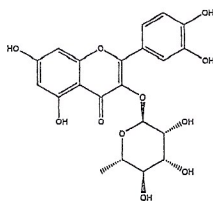
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## HPLC ANALYSIS

Catalog No.: 06-067

Product Name: Quercitrin hydrate

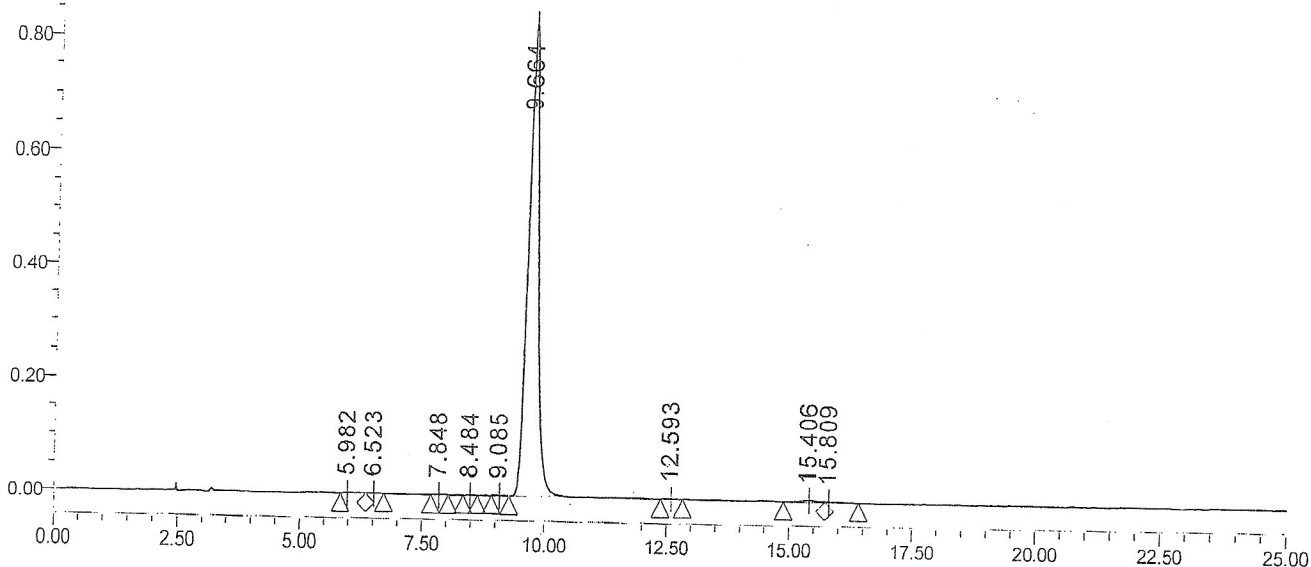
Lot No.: 2212743

### SAMPLE INFORMATION

Sample Name: Quercitrin  
Sample Type:  
Vial: 69  
Injection #: 1  
Injection Volume: 10.00 ul  
Run Time: 25.0 Minutes

Acquired By:  
Sample Set Name  
Acq. Method Set: Quercitrin  
Processing Method: sample

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	Height	Plate Count	Resolution
1	5.982	8173	0.07	561	4113.40	
2	6.523	9260	0.08	945	9892.91	1.63
3	7.848	6288	0.05	601	9474.30	4.83
4	8.484	5151	0.04	587	26325.31	2.45
5	9.085	9775	0.08	936	14372.71	2.36
6	9.664	12188444	98.82	834355	10740.37	1.76
7	12.593	6455	0.05	514	29378.71	7.66
8	15.406	73762	0.60	3132	6897.14	5.15
9	15.809	26379	0.21	918		