



# 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

Catalog Number: 021139S

Product Name: **RUTIN with HPLC**  
(Quercetin-3-O-rutinoside; Melin)

CAS Number: [153-18-4]

Lot Number: 1407475

Chemical Formula:  $C_{27}H_{30}O_{16}$

Molecular Weight: 610.52

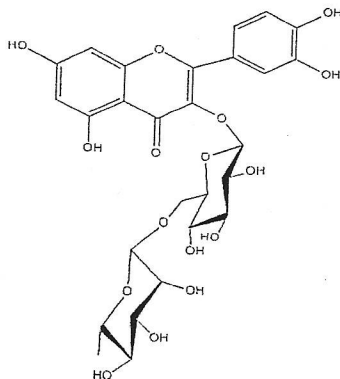
Appearance: Yellow powder

Source: Ruta graveolens

Loss on drying: 1.0%

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

Purity(HPLC): 99.41%





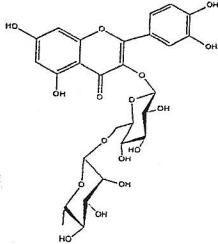
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## HPLC ANALYSIS

Catalog No.: 021139S

Product Name: Rutin with HPLC

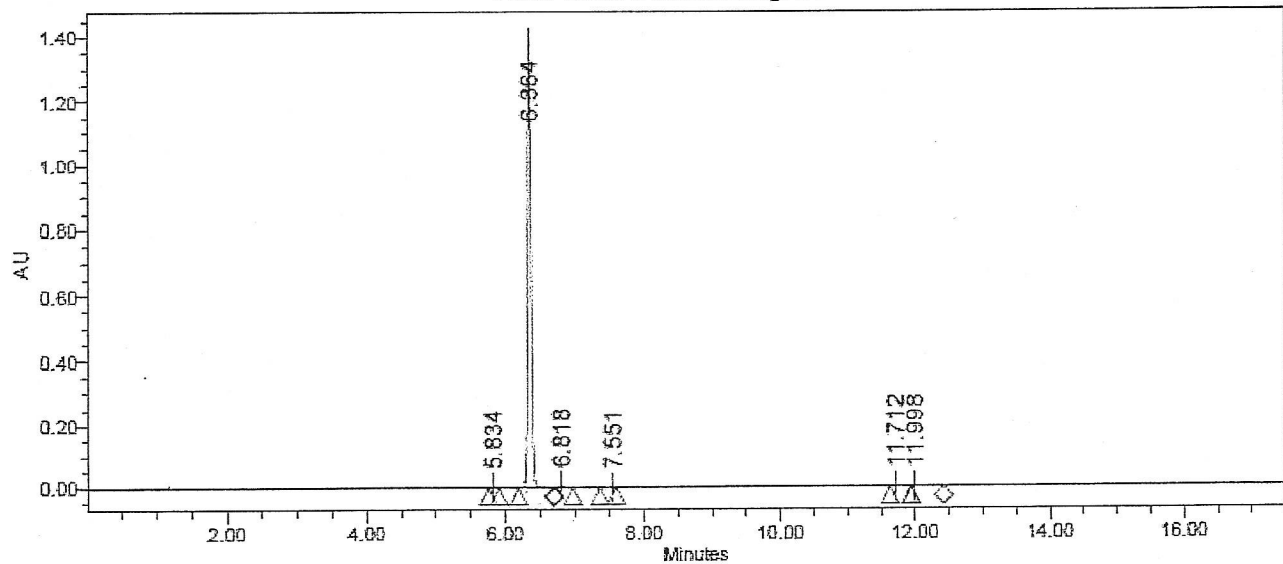
Lot No.: 1407475

### SAMPLE INFORMATION

Sample Name: Rutin  
Sample Type: Unknown  
Vial: 1:A,7  
Injection #: 1  
Injection Volume: 6.00 ul  
Run Time: 20.0 Minutes

Sample Set Name:  
Acq. Method Set: Rutin  
Processing Method: Samples  
Channel Name: 354.0nm  
Proc. Chnl. Descr.: PDA 354.0 nm

Auto-Scaled Chromatogram



#### Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	5.834	1912	0.04	57189.59	
2	6.364	5085274	99.41	69394.86	5.46
3	6.818	20731	0.41	72494.02	4.58
4	7.551	2281	0.04	22833.99	4.02
5	11.712	2398	0.05	77617.97	19.50
6	11.998	3024	0.06	452808.65	1.97