

# **INDOFINE Chemical Company, Inc.**

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## **CERTIFICATE OF ANALYSIS**

Catalog Number: 021004S

Product Name: **APIGENIN-7-O-GLUCOSIDE with HPLC**  
(Apigenin, Cosmetin, Cosmiin)

CAS Number: [578-74-5]

Lot Number: 1605801

Molecular Formula: C<sub>21</sub>H<sub>20</sub>O<sub>10</sub>

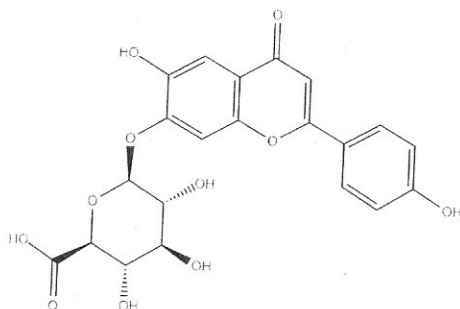
Molecular Weight: 432.38

Appearance: Light yellow powder

Loss on Drying:: 0.9%

Storage: Store in a cool, dry place

Purity(HPLC): 98.78%



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

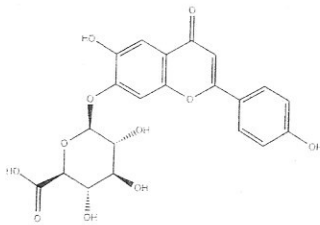
Reviewed and approved by:  
*Sujata Moton*  
S. Moton  
VP



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## HPLC ANALYSIS

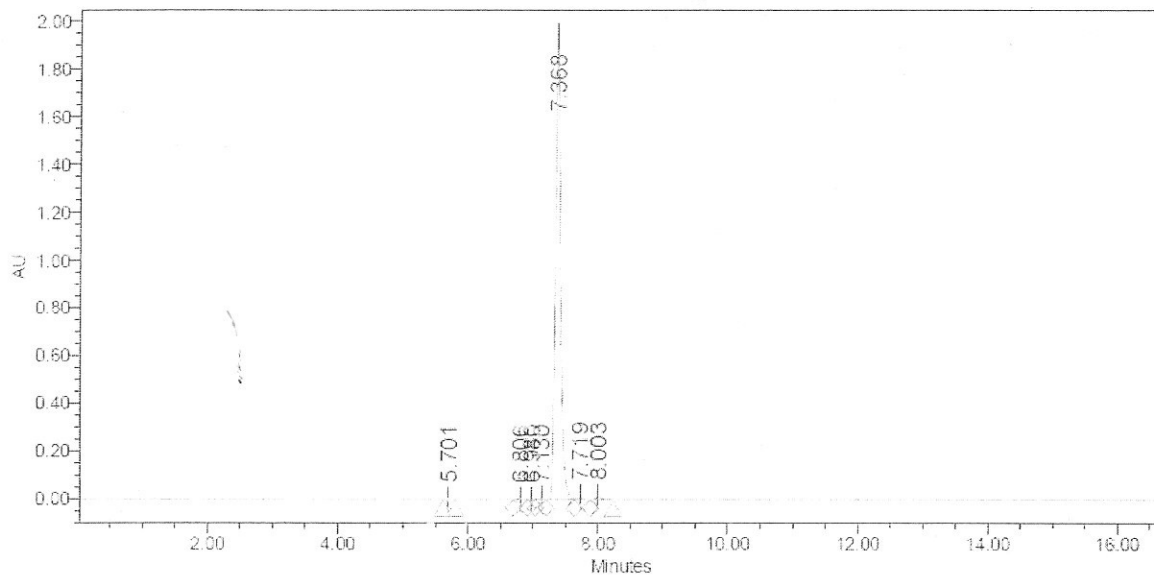


Catalog No.: 021004S  
Product Name: Apigenin-7-O-glucoside  
Lot No.: 1605801

### SAMPLE INFORMATION

Sample Name:	Apigenin-7-O-β-D-Glc	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:C,1	Acq. Method Set:	Apigenin 7 O β D Glc
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	335.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 335.0 nm

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	5.701	2538	0.02	22550	
2	6.806	3957	0.03	10432	6.13
3	6.980	1390	0.01		0.85
4	7.130	5378	0.05	24979	0.78
5	7.368	11246171	98.78	37558	1.42
6	7.719	67118	0.59	27355	1.89
7	8.003	58383	0.51	42739	1.50

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