

**ICG** **INDOFINE Chemical Company, Inc.**

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## CERTIFICATE OF ANALYSIS

Catalog Number: 06-360

Product Name: **CARDAMONIN**  
(2',4'-Dihydroxy-6'-methoxychalcone; Alpinetin chalcone)

CAS Number: [19309-14-9]

Lot Number: 1907282

Chemical Formula: C<sub>16</sub>H<sub>14</sub>O<sub>4</sub>

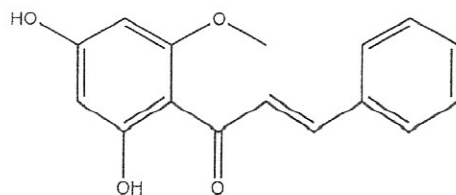
Molecular Weight: 270.28

Appearance: Yellow powder

Loss on Drying: 1.63%

Storage: Store at 2-8°C. Protect from light.

Purity(HPLC): 99.22%



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

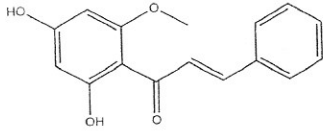
Reviewed and approved by:  
*Sujata Moton*  
S. Moton  
VP



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## HPLC ANALYSIS

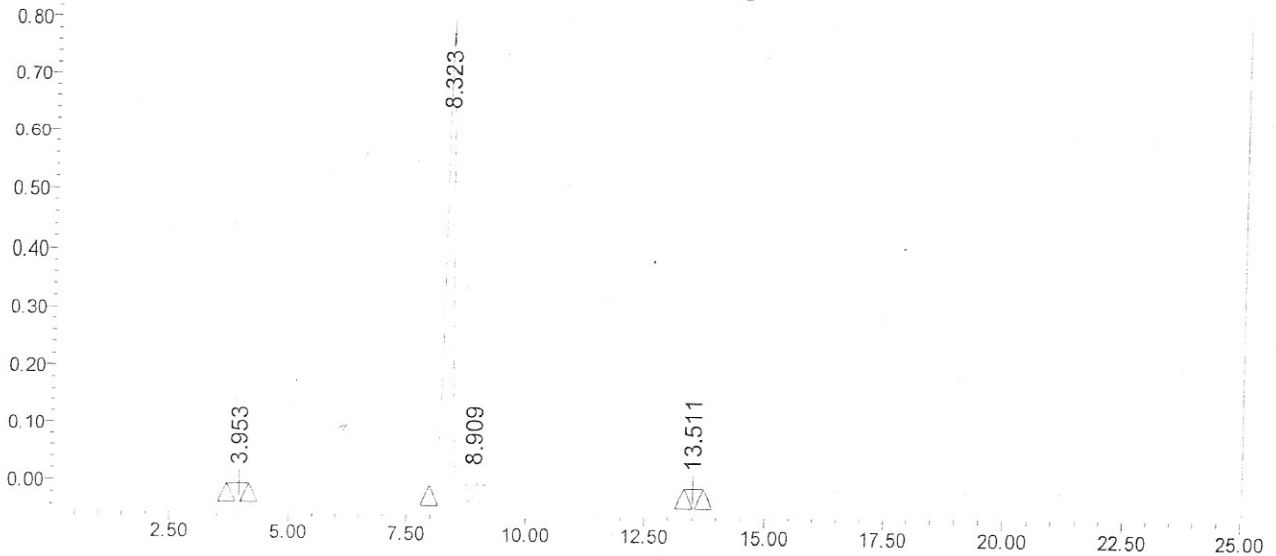


Catalog No.: 06-360  
Product Name: Cardamonin  
Lot No.: 1907282

### SAMPLE INFORMATION

Sample Name:	Cardamonin	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	8	Acq. Method Set:	Cardamonin
Injection #:	1	Processing Method:	sample
Injection Volume:	10.00 ul	Channel Name:	300.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 300.0 nm

### Auto-Scaled Chromatogram



### Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	3.953	10321	0.12	4300.45	
2	8.323	8495843	99.22	13636.48	16.37
3	8.909	48662	0.57	10963.11	1.75
4	13.511	7945	0.09	24494.27	12.95

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