



# INDOFINE Chemical Company, Inc.

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

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## CERTIFICATE OF ANALYSIS

Catalog Number: 06-439

Product Name: **CROCETIN**  
(trans-Crocetin; alpha-Crocetin)

CAS Number: [27876-94-4]

Lot Number: 1612746

Chemical Formula: C<sub>20</sub>H<sub>24</sub>O<sub>4</sub>

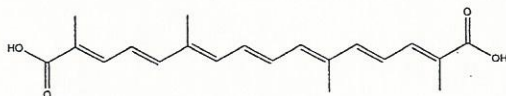
Molecular Weight: 328.40

Appearance: Red powder

Loss on drying: 1.57%

Storage: Store at 2-8°C. To be kept away from light.

Purity(HPLC): 99.47%





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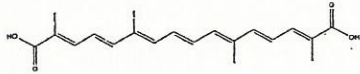
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## HPLC ANALYSIS



Catalog No.: 06-439

Product Name: Crocetin

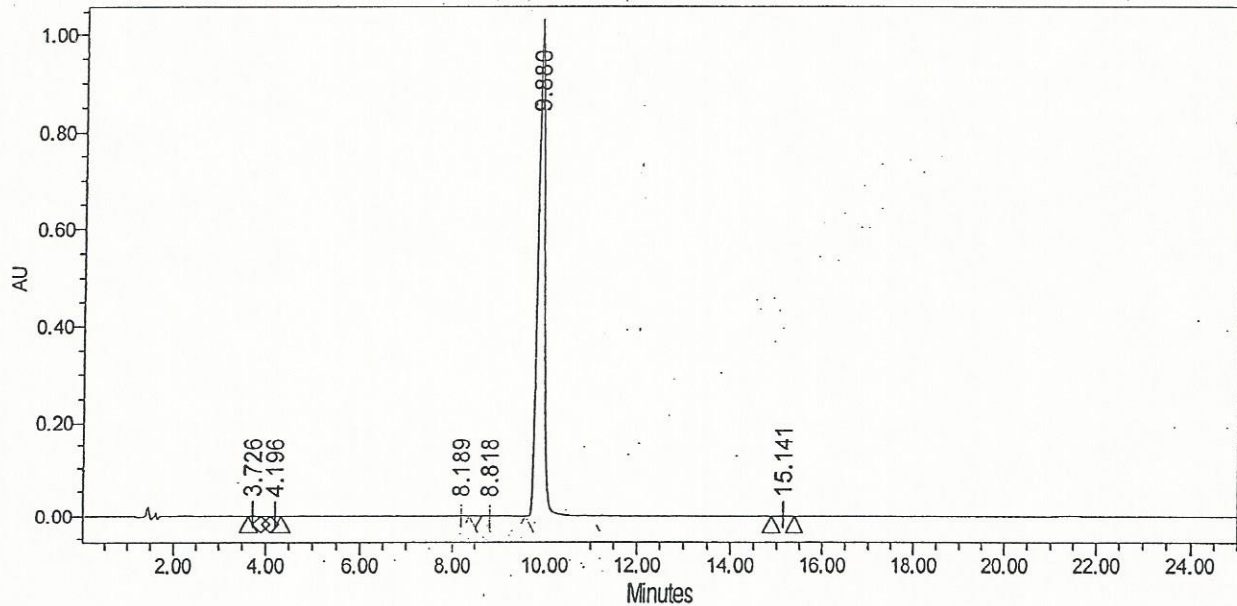
Lot No.: 1612746

### SAMPLE INFORMATION

Sample Name: Crocetin  
Sample Type: Unknown  
Vial: 6  
Injection #: 1  
Injection Volume: 5.00 ul  
Run Time: 25.0 Minutes

Acquired By: System  
Sample Set Name:  
Acq. Method Set: Crocetin  
Processing Method: Samples  
Channel Name: 432.0nm  
Proc. Chnl. Descr.: PDA 432.0 nm

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	3.726	11072	0.11	8393.86	
2	4.196	10492	0.10	9258.49	3.13
3	8.189	9360	0.09	20461.28	17.75
4	8.818	5247	0.05	5206.95	2.56
5	9.880	10350225	99.47	21962.43	4.51
6	15.141	19014	0.18	54535.78	19.96