



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: 020329

Product Name: **CROCIN**

CAS Number: [42553-65-1]

Lot Number: 2207695

Chemical Formula: C₄₄H₆₄O₂₄

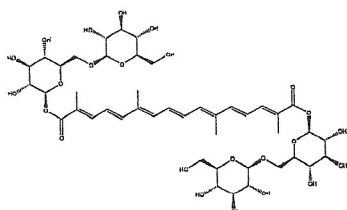
Molecular Weight: 976.98

Appearance: Dark red powder

Water Content: 3.5%

Storage: Store at -20°C. Protect from light.

Purity(HPLC): 95.9%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP

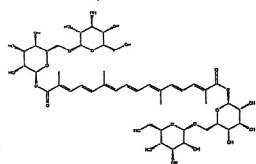
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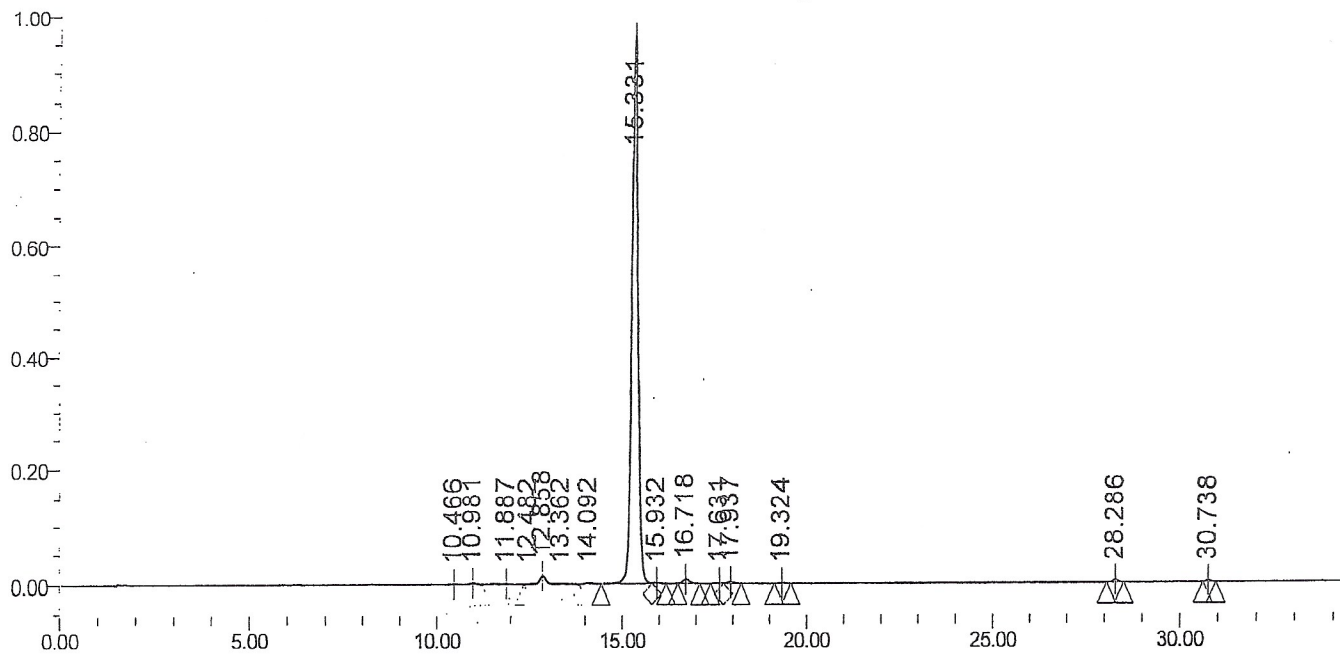
HPLC ANALYSIS

Catalog No.: 020329
 Product Name: Crocin
 Lot No.: 2207695

SAMPLE INFORMATION

Sample Name:	Crocin	Acquired By:	
Sample Type:	Unknown	Sample Set Name	
Vial:	65	Acq. Method Set:	Crocin I
Injection #:	1	Processing Method	sample
Injection Volume:	10.00 ul	Channel Name:	PDA Ch1 440nm@4.8nm
Run Time:	40.0 Minutes	Proc. Chnl. Descr.:	PDA Ch1 440nm@4.8nm

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
1	10.466	10945	0.09	696	11783.41	
2	10.981	24170	0.21	2304	23271.94	0.92
3	11.887	11535	0.10	1100	32926.63	3.22
4	12.482	3257	0.03	328		
5	12.858	153584	1.32	13532	31300.78	
6	13.362	7437	0.06	784	48284.94	1.71
7	14.092	27187	0.23	1620	13671.17	1.82
8	15.331	11176857	95.94	967740	42241.03	3.05
9	15.932	17348	0.15	1391		

Peak Results

Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
10	16.718	90312	0.78	7472	43567.60	
11	17.631	9166	0.08	666		
12	17.937	36590	0.31	2929	49856.52	
13	19.324	10522	0.09	929	68292.92	4.26
14	28.286	46129	0.40	5399	254800.70	33.60
15	30.738	25228	0.22	3618	461507.12	11.79