

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

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number: 020329

Product Name: **CROCIN**

CAS Number: [42553-65-1]

Lot Number: 2210719

Chemical Formula: $C_{44}H_{64}O_{24}$

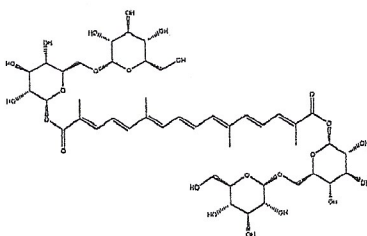
Molecular Weight: 976.98

Appearance: Dark red powder

Water Content: 1.8%

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

Purity(HPLC): 98.9%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



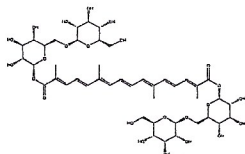
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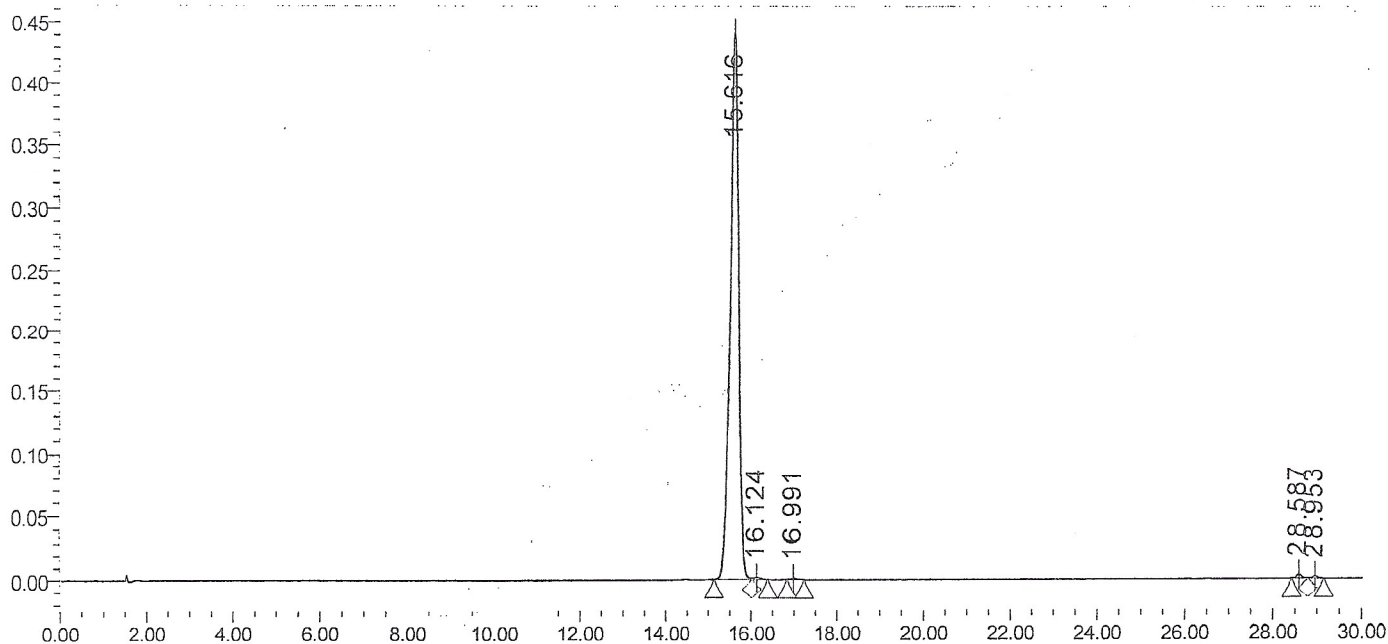
HPLC ANALYSIS

Catalog No.: 020329
Product Name: Crocin
Lot No.: 2210719

SAMPLE INFORMATION

| | | | |
|-------------------|--------------|---------------------|---------------------|
| Sample Name: | Crocin | Acquired By: | |
| Sample Type: | Control | Sample Set Name | |
| Vial: | 27 | Acq. Method Set: | Crocin |
| Injection #: | 1 | Processing Method | sample |
| Injection Volume: | 10.00 ul | Channel Name: | PDA Ch1 440nm@4.8nm |
| Run Time: | 30.0 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 | | 15.616 | 5957812 | 98.92 | 441369 | 31510.34 | |
| 2 | | 16.124 | 19051 | 0.32 | 1551 | | |
| 3 | | 16.991 | 9022 | 0.15 | 814 | 53786.49 | |
| 4 | | 28.587 | 24604 | 0.41 | 3259 | 312523.34 | 43.87 |
| 5 | | 28.953 | 12407 | 0.21 | 1784 | 425614.27 | 1.91 |