



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: 06-1263

Product Name: THEAFLAVIN

CAS Number: [4670-05-7]

Lot Number: 1606842

Chemical Formula: C₂₉H₂₄O₁₂

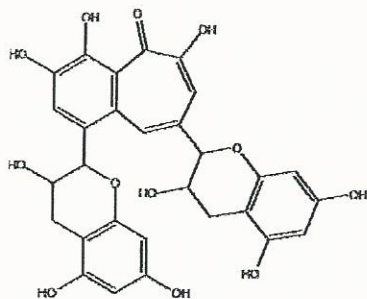
Molecular Weight: 564.49

Loss on Drying: 0.95%

Appearance: Red-brown powder

Storage: Store in a cool, dry place. Protect from light.

Purity(HPLC): 98.03%





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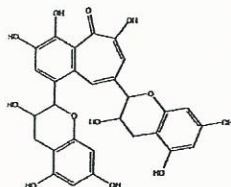
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HPLC ANALYSIS

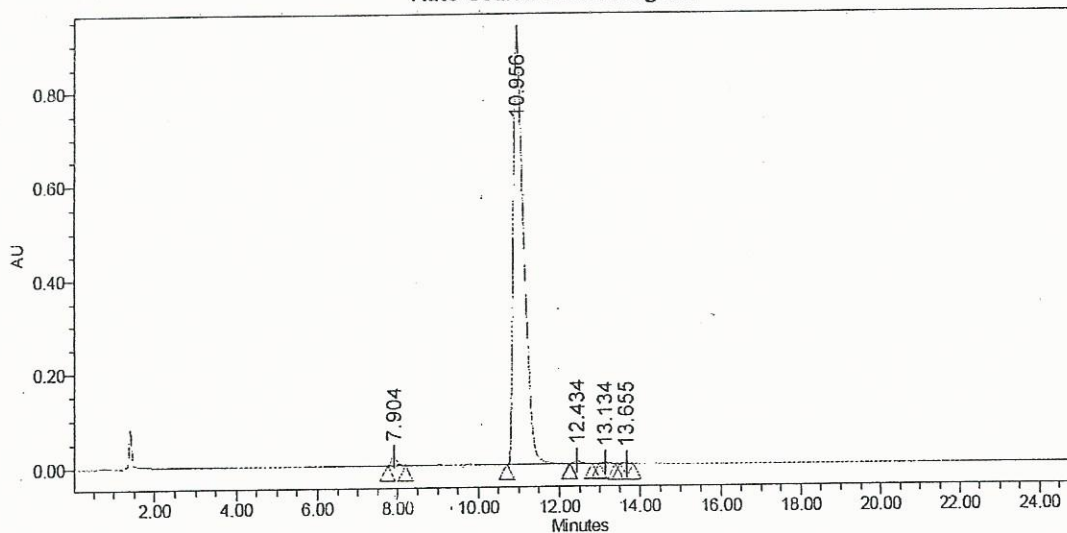


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SAMPLE INFORMATION

| | | | |
|-------------------|--------------|---------------------|--------------|
| Sample Name: | Theaflavin | Acquired By: | System |
| Sample Type: | Unknown | Sample Set Name: | |
| Vial: | 72 | Acq. Method Set: | Theaflavin |
| Injection #: | 1 | Processing Method: | Samples |
| Injection Volume: | 10.00 ul | Channel Name: | 270.0nm |
| Run Time: | 25.0 Minutes | Proc. Chnl. Descr.: | PDA 270.0 nm |

Auto-Scaled Chromatogram



Peak Results

| | Name | RT | Area | % Area | USP Plate Count | USP Resolution |
|---|------|--------|----------|--------|-----------------|----------------|
| 1 | | 7.904 | 182769 | 1.11 | 15500.08 | |
| 2 | | 10.956 | 16090053 | 98.03 | 7435.97 | 7.92 |
| 3 | | 12.434 | 86891 | 0.53 | 22216.85 | 3.44 |
| 4 | | 13.134 | 32011 | 0.20 | 29270.62 | 2.12 |
| 5 | | 13.655 | 21143 | 0.13 | 44036.56 | 1.82 |