



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: 021053S

Product Name: **KAEMPFEROL-3-O-RUTINOSIDE with HPLC**
(Nicotiflorin)

CAS Number: [17650-84-9]

Lot Number: 1907280

Chemical Formula: C₂₇H₃₀O₁₅

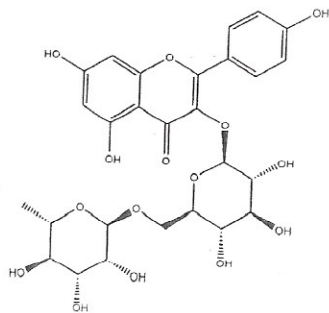
Molecular Weight: 594.53

Appearance: Yellow powder

Loss on Drying: 1.7%

Storage: Store at 2-8°C in a dry and dark place

Purity(HPLC): 99.60%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and approved by:
Sujata Moton
S. Moton
VP



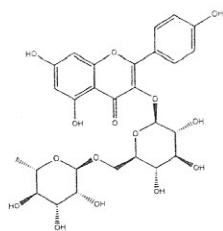
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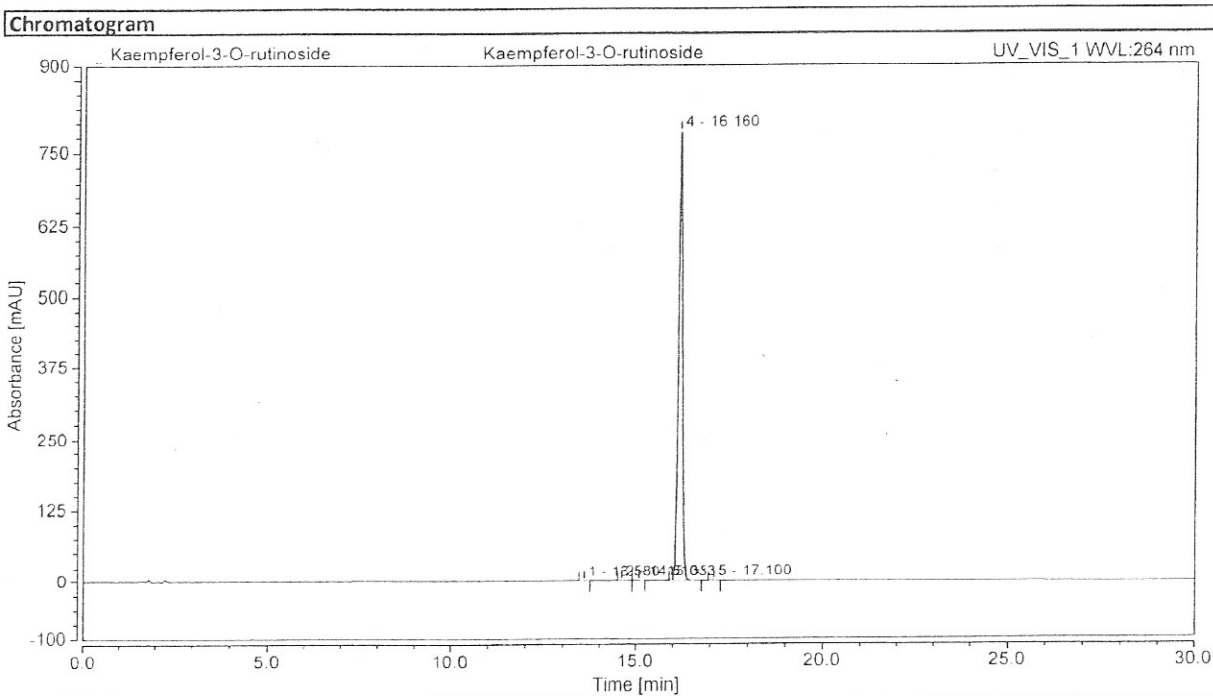
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HPLC ANALYSIS



Catalog No.: 021053S
Product Name: Kaempferol-3-O-rutinoside
Lot No.: 1907280

| Injection Details | | |
|----------------------|---------------------------|-------------------------|
| Injection Name | Kaempferol-3-O-rutinoside | Run Time (min): 30.00 |
| Vial Number: | BB2 | Injection Volume: 20.00 |
| Injection Type: | Unknown | Channel: UV_VIS_1 |
| Calibration Level: | | Wavelength: 264 |
| Instrument Method: | Kaempferol-3-O-rutinoside | Bandwidth: 4 |
| Processing Method | Kaempferol-3-O-rutinoside | Dilution Factor: 1.0000 |
| Injection Date/Time: | | Sample Weight: 1.0000 |



| Integration Results | | | | | | | |
|---------------------|----------------|----------------|----------------|---------------|--------------|------------------|-------------|
| No. | Retention Time | Area | Height | Relative Area | Plates (USP) | Resolution (USP) | Asymmetry |
| | min | mAU*min | mAU | % | | | |
| 1 | 13.580 | 0.097 | 0.792 | 0.09 | 81833 | 5.57 | 1.03 |
| 2 | 14.613 | 0.097 | 0.811 | 0.09 | 104291 | 2.46 | 1.27 |
| 3 | 15.083 | 0.071 | 0.564 | 0.07 | 90121 | 5.31 | 0.91 |
| 4 | 16.160 | 101.693 | 783.707 | 99.60 | 99500 | 4.62 | 1.11 |
| 5 | 17.100 | 0.141 | 1.072 | 0.14 | 114995 | n.a. | 0.97 |
| Total: | | 102.098 | 786.946 | 100.00 | | | 0.00 |

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