



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: 021124S

Product Name: **KAEMPFEROL with HPLC**
(3,5,7,4'-Tetrahydroxyflavone; Robigenin)

CAS Number: [520-18-3]

Lot Number: 1606835

Chemical Formula: C₁₅H₁₀O₆

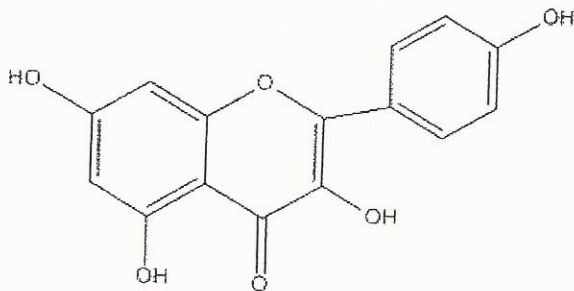
Molecular Weight: 286.24

Appearance: Yellow orange powder

Loss on Drying: 1.4%

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

Purity(HPLC): 99.26%





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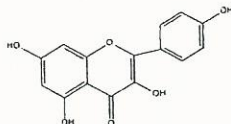
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HPLC ANALYSIS

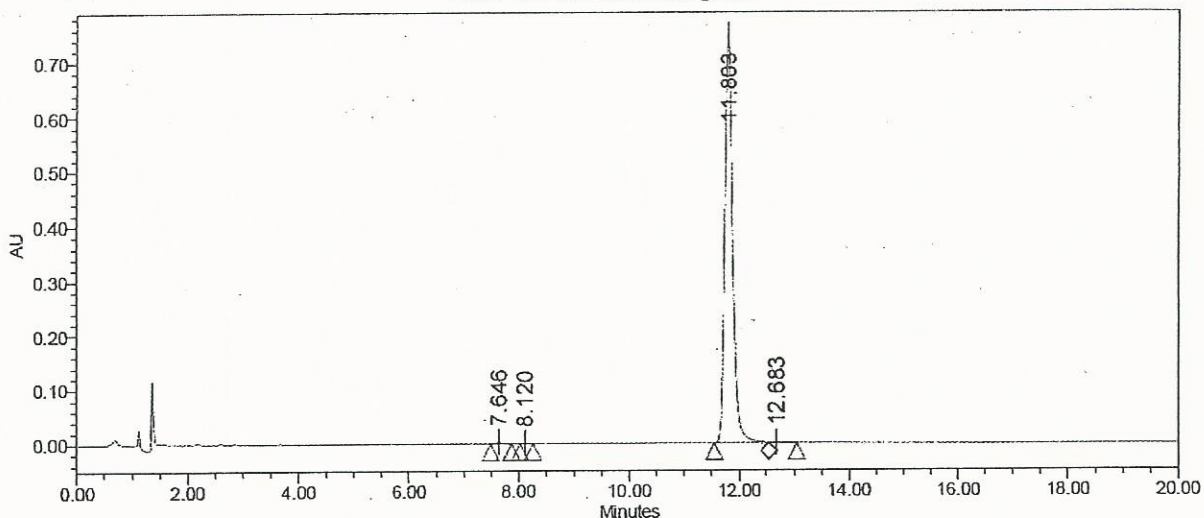


Catalog No.: 021124S
Product Name: Kaempferol
Lot No.: 1606835

SAMPLE INFORMATION

| | | | |
|-------------------|--------------|---------------------|--------------|
| Sample Name: | Kaempferol | Sample Set Name: | |
| Sample Type: | Unknown | Acq. Method Set: | Kaempferol |
| Vial: | 1:E,5 | Processing Method: | Samples |
| Injection #: | 1 | Channel Name: | 265.0nm |
| Injection Volume: | 10.00 ul | Proc. Chnl. Descr.: | PDA 265.0 nm |
| Run Time: | 20.0 Minutes | | |

Auto-Scaled Chromatogram



Peak Results

| Name | RT | Area | % Area | USP Plate Count | USP Resolution |
|------|--------|---------|--------|-----------------|----------------|
| 1 | 7.646 | 26180 | 0.33 | 20786.18 | |
| 2 | 8.120 | 5927 | 0.08 | 52731.86 | 2.55 |
| 3 | 11.803 | 7792882 | 99.26 | 32079.19 | 17.60 |
| 4 | 12.683 | 26351 | 0.34 | | 3.24 |