

INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08544 • 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: P-102A

Product Name: **QUERCETIN ANHYDROUS**

CAS Number: [117-39-5]

Lot Number: 2401898

Molecular Formula: C₁₅H₁₀O₇

Molecular Weight: 302.24

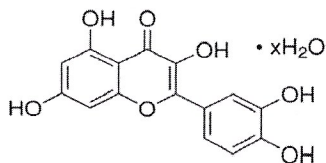
Appearance: Yellow powder

Water: 3.00%

Storage: Store in a cool, dry place
Keep away from strong light and heat.

Solubility: Soluble in DMSO

Assay(HPLC): 96.62%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



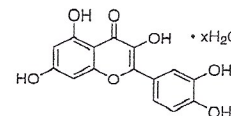
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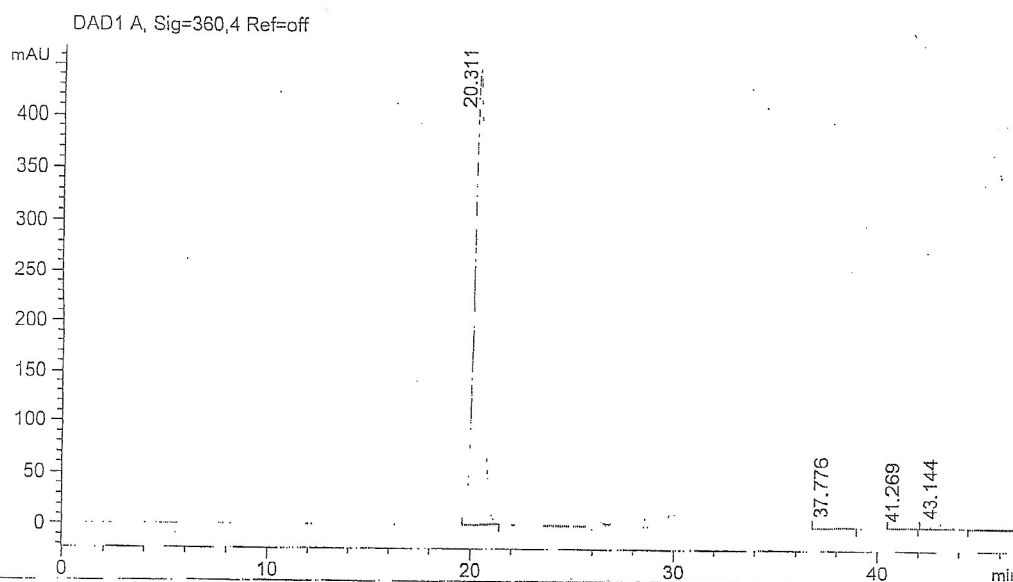
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HPLC ANALYSIS

Mobile phase A: Methanol 47
Mobile phase B: 0.03% H3PO4/Water 53
Flow : 0.8ml/min
Column Temp:30
Column :Kromasile C18 250*4.6mm 5um 100A
Sample Concentration: 1mg/ml Methanol
Injection volume: 5ul

Catalog No.: P-102A
Product Name: Quercetin anhydrous
Lot No.: 2401898



Signal 1: DAD1 A, Sig=360,4 Ref=off

| Peak # | RT [min] | Type | Width [min] | Height | Area | Area % |
|--------|----------|------|-------------|---------|---------|--------|
| 1 | 20.311 | BB | 0.509 | 445.888 | 1.448e4 | 96.620 |
| 2 | 37.776 | MM | 0.861 | 4.824 | 249.182 | 1.662 |
| 3 | 41.269 | MM | 0.797 | 0.470 | 22.459 | 0.150 |
| 4 | 43.144 | MM | 0.977 | 4.009 | 234.994 | 1.568 |

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