



# INDOFINE Chemical Company, Inc.

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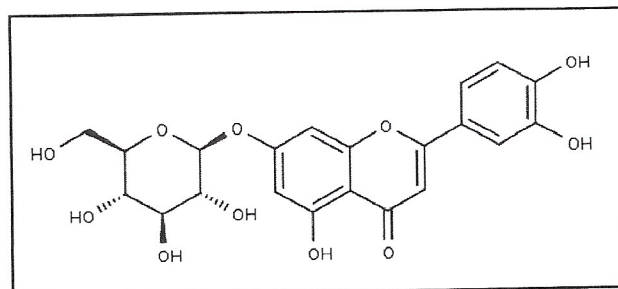
## Certificate Of Analysis

021126S

LUTEOLIN-7-O-GLUCOSIDE

Lot No.: 21100319

|             |   |
|-------------|---|
| CAS RN      | 5373-11-5                                       |
| MOL FORMULA | C <sub>21</sub> H <sub>20</sub> O <sub>11</sub> |
| MOL WEIGHT  | 448,38  |



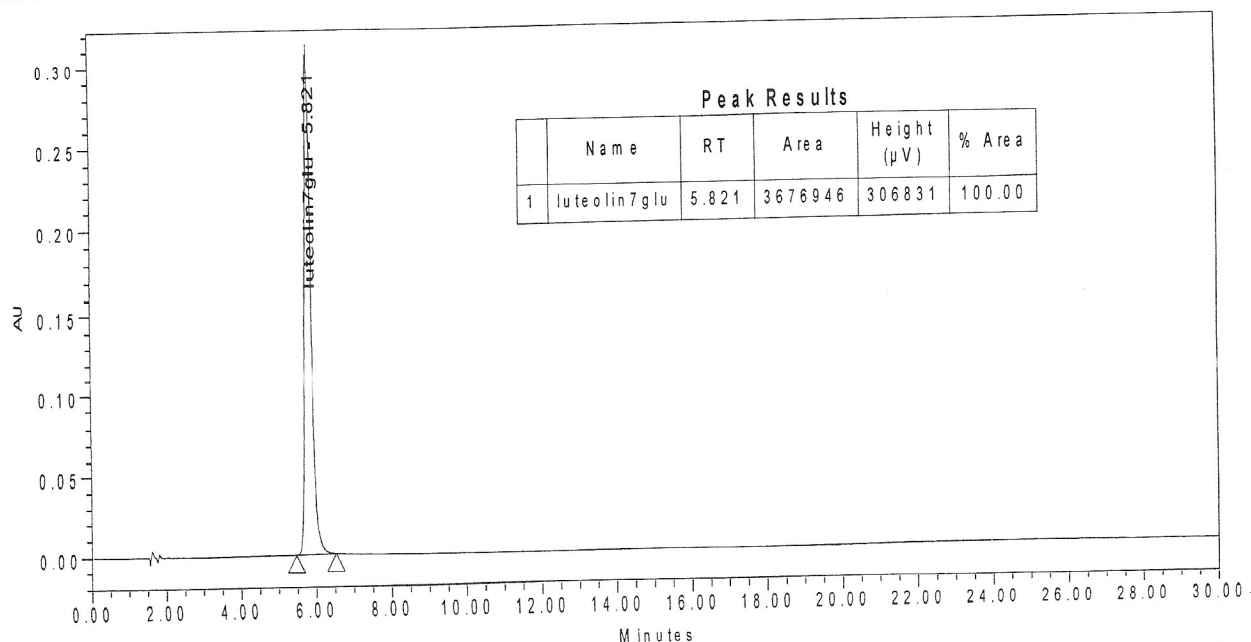
| TEST              | METHOD                | UNIT         | SPECIFICATION | RESULT      |
|-------------------|-----------------------|--------------|---------------|-------------|
| Appearance        | Visual                |              | Yellow powder | Conform     |
| Water content     | KF                    | % w/w        |               | 2,8         |
| Residual solvents | GC-HS                 | % w/w        |               | < 0,1       |
| Inorganics        | ICP-MS                | % w/w        |               | 0,1         |
| Purity            | HPLC                  | % area       | ≥ 98,0        | 100         |
| <b>Assay</b>      | <b>Calculated (*)</b> | <b>% w/w</b> |               | <b>97,1</b> |

(\*) Assay = Purity by HPLC x (100 - %water - %solvents - %inorganics)

### CHROMATOGRAPHIC PURITY / HPLC

Column : Symmetry Shield RP18 - 4,6x150 mm - 3,5 µm  
Mobile phase : Water + 5% AcOH 65 / MeOH 25 / ACN 10 (v/v/v)  
Detection : UV 350 nm

Temperature : 30°C  
Flow rate : 1 ml/min  
Injection volume : 5 µl  
Injection solvent : EtOH + 10% DMSO



LONG TERM STORAGE : Below 8°C in a dry and dark place

TRANSPORT CONDITIONS : Ambient temperature