



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30  
Hillsborough, NJ 08844 USA  
Phone: (908) 359-6778; Fax: (908) 359-1179

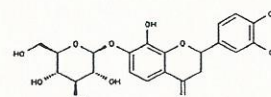
## Certificate Of Analysis

020058S

FLAVANOMAREIN

Lot No.: 17012105

|             |   |
|-------------|---|
| CAS RN      | 577-38-8  |
| MOL FORMULA | C <sub>21</sub> H <sub>22</sub> O <sub>11</sub> |
| MOL WEIGHT  | 450,40  |



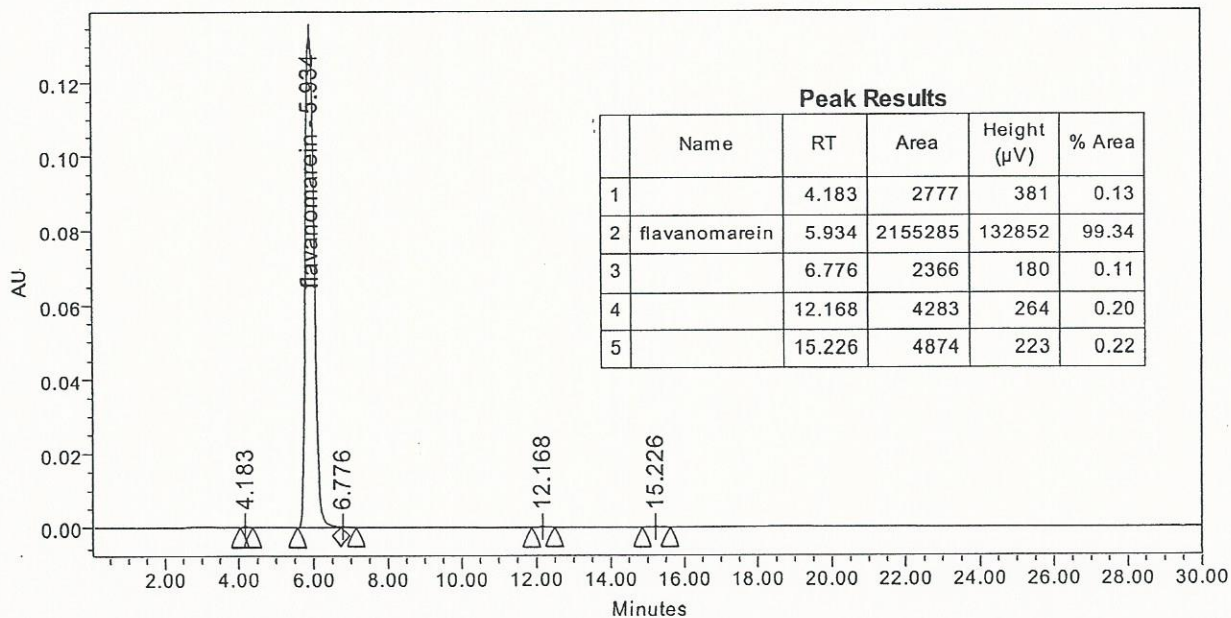
| TEST              | METHOD         | UNIT   | SPECIFICATION                   | RESULT  |
|-------------------|----------------|--------|---------------------------------|---------|
| Appearance        | Visual         |        | Beige to slightly yellow Powder | Conform |
| Water content     | KF             | % w/w  |                                 | 3,4     |
| Residual solvents | GC-HS          | % w/w  |                                 | < 0,1   |
| Inorganics        | ICP-MS         | % w/w  |                                 | 0,1     |
| Purity            | HPLC           | % area | ≥ 99,0                          | 99,3    |
| Assay             | Calculated (*) | % w/w  |                                 | 95,8    |

(\*) 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 80 / MeOH 20 (v/v)  
Detection : UV 280 nm

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



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

TRANSPORT CONDITIONS : Ambient temperature