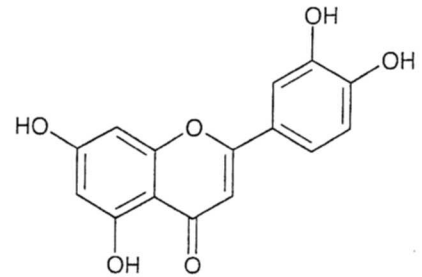




# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Building 30  
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Phone: (908) 359-6778; Fax: (908) 359-1179



**HPLC** **Batch: 18**

**LUTEOLIN** **021125S**

### IDENTIFICATION

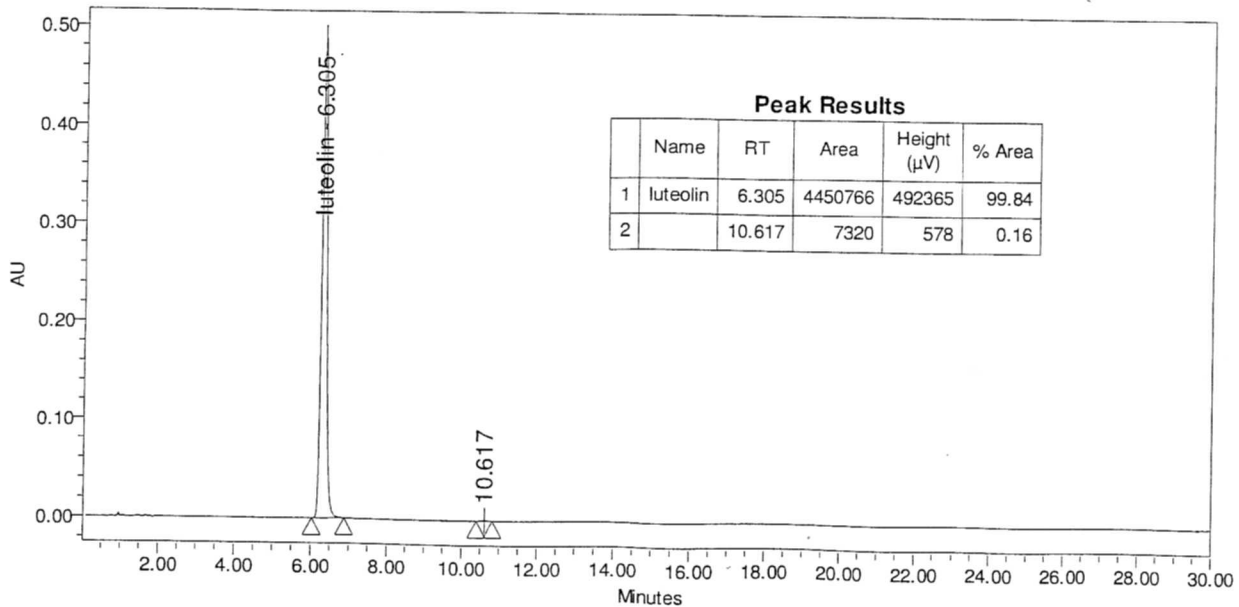
CAS number [491-70-3]  
Chemical family Flavonoids  
Chemical name 3',4',5,7-Tetrahydroxyflavone  
Molecular formula C<sub>15</sub>H<sub>10</sub>O<sub>6</sub>  
Molecular weight 286.25

### CERTIFICATE OF ANALYSIS

Appearance Yellow powder  
Moisture 2.8 %  
Residual solvents < 0.5%  
Thin layer chromatography support Silicagel  
solvent Toluene/ethyl formate/formic acid (5/4/1:V/V/V)  
detection U.V.  
Absorption maxima 254, 267, 294sh, 349 nm in methanol  
Storage Store at room temperature in a dry and dark place. Place in a desiccator under vacuum before use

### HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm  
Solvent Water + 0.3% H<sub>3</sub>PO<sub>4</sub> / Methanol / Acetonitrile (50/20/30, V/V/V)  
Flow rate 1 ml/mn  
Detector UV visible 254 nm  
Sample solvent Methanol



Assay by an HPLC method.

Date of last QC-recheck: June 2012

Date of retest: June 2016

*The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.*