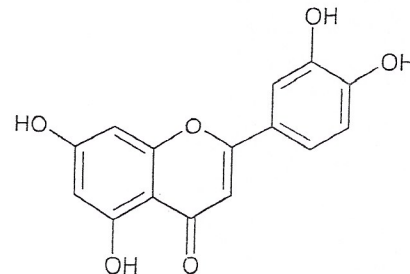




INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

021125S **LUTEOLIN** **Lot No.: 12091018**

IDENTIFICATION

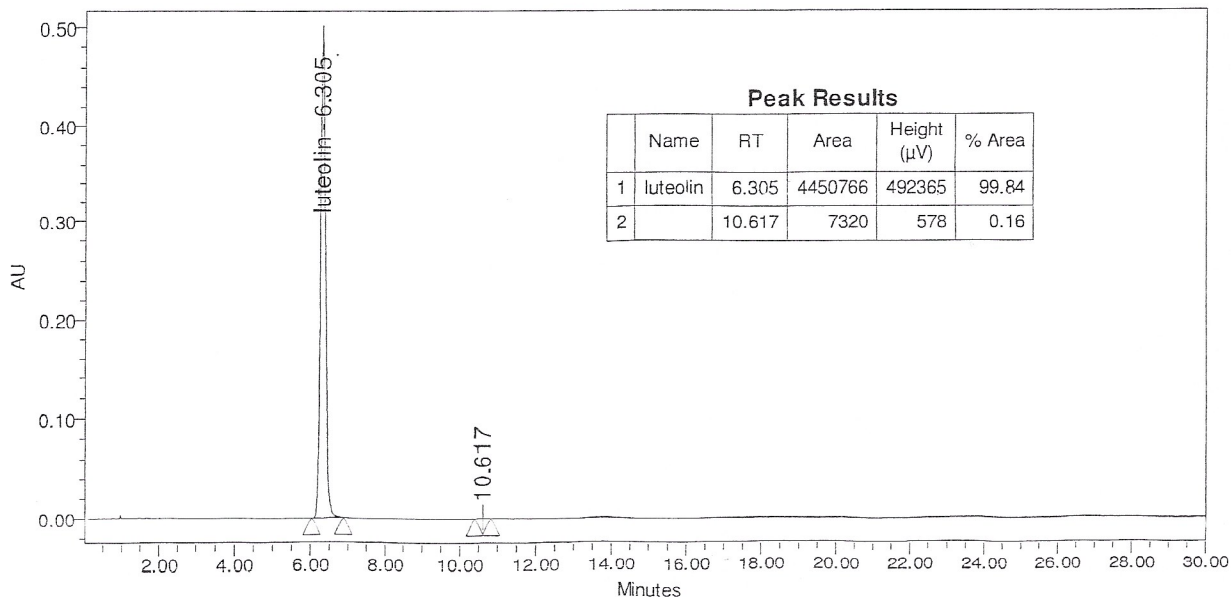
CAS number [491-70-3]
Chemical family Flavonoids
Chemical name 3',4',5,7-Tetrahydroxyflavone
Molecular formula C₁₅H₁₀O₆
Molecular weight 286.25

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% H₃PO₄ / 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.

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