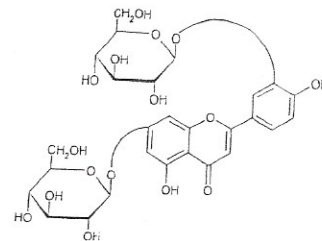




INDOFINE Chemical Company, Inc.

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HPLC ANALYSIS

020085S **LUTEOLIN-3',7-di-O-GLUCOSIDE** **Lot No.: 09121005**

IDENTIFICATION

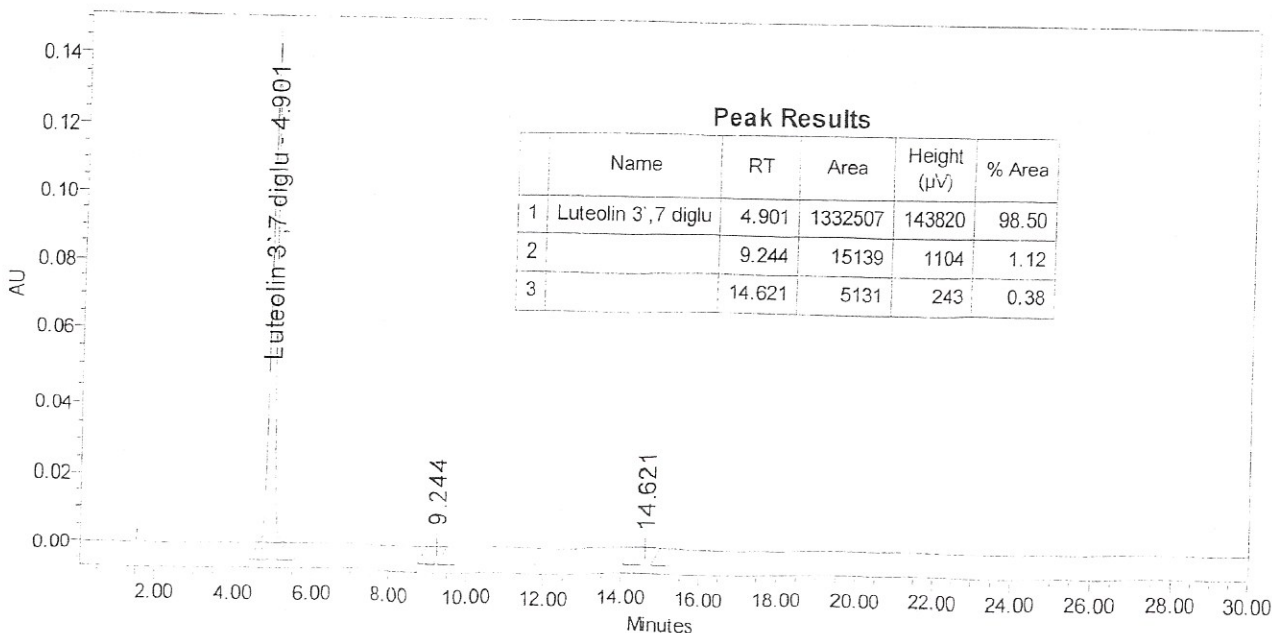
CAS number [52187-80-1]
Chemical family Flavonoids
Molecular formula C₂₇H₃₀O₁₆
Molecular weight 610.52

CERTIFICATE OF ANALYSIS

Appearance Yellow powder
Moisture 2.7 %
Thin layer chromatography support Silicagel
 solvent Ethylacetate/formic acid/acetic acid/water (100/11/11/23, V/V/V/V)
 detection U.V.
Absorption maxima 270, 341.5 nm in ethanol + 0.5% dimethylsulfoxide
Storage Store at room temperature in a dry and dark place. Place in a desiccator under vacuum for 48 hours 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 (70/20/10, V/V/V)
Flow rate 1 ml/mn
Detector UV visible 254 nm
Sample solvent Dimethylsulfoxide / Methanol (2/18, V/V)



Assay by an HPLC method.

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