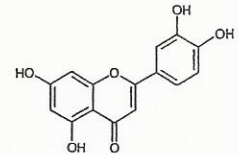




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HPLC ANALYSIS

021125S **LUTEOLIN** **Lot No.: 11091517**

IDENTIFICATION

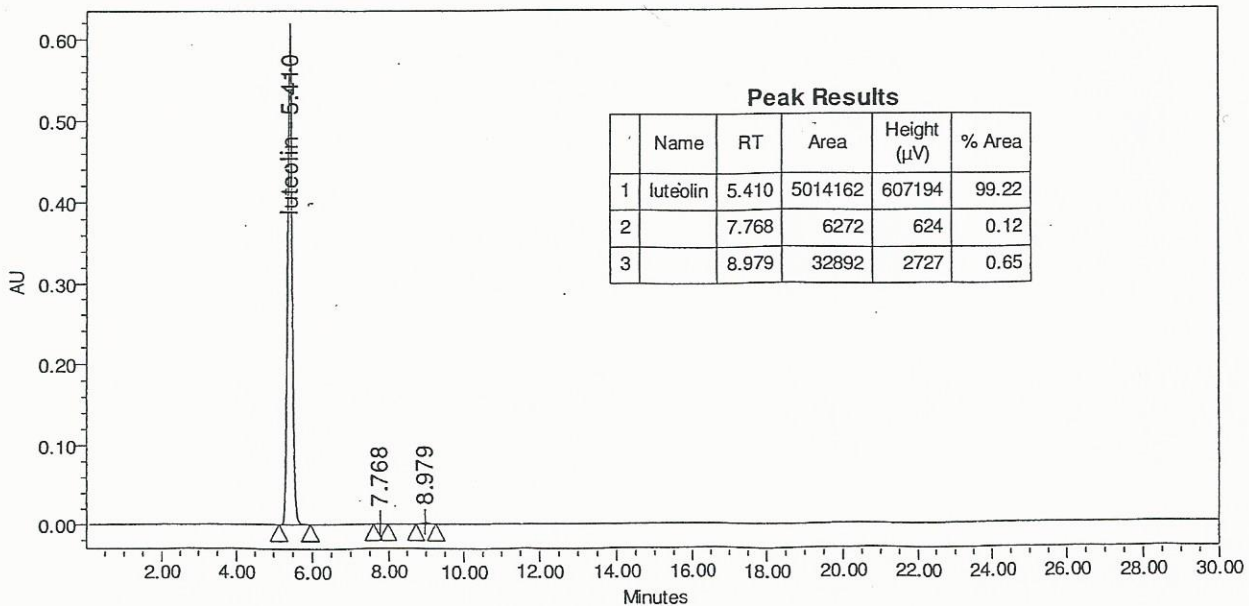
CAS number	[491-70-3]
Chemical family	Flavonoids
Chemical name	3',4',5,7-Tetrahydroxyflavone
Molecular formula	C ₁₅ H ₁₀ O ₆
Molecular weight	286.25

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Moisture	0.3 %
Residual solvents	0.9 %
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 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% H ₃ PO ₄ / Methanol / Acetonitrile (50/20/30, V/V/V)
Flow rate	1 ml/min
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.