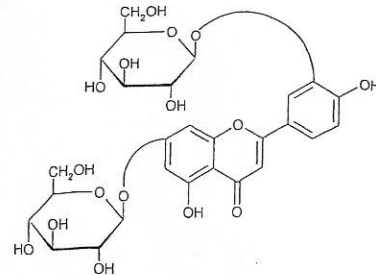




INDOFINE Chemical Company, Inc.

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Phone: (908) 359-6778; Fax: (908) 359-1179



HPLC

Batch: 04

LUTEOLIN-3',7-di-O-GLUCOSIDE

020085S

IDENTIFICATION

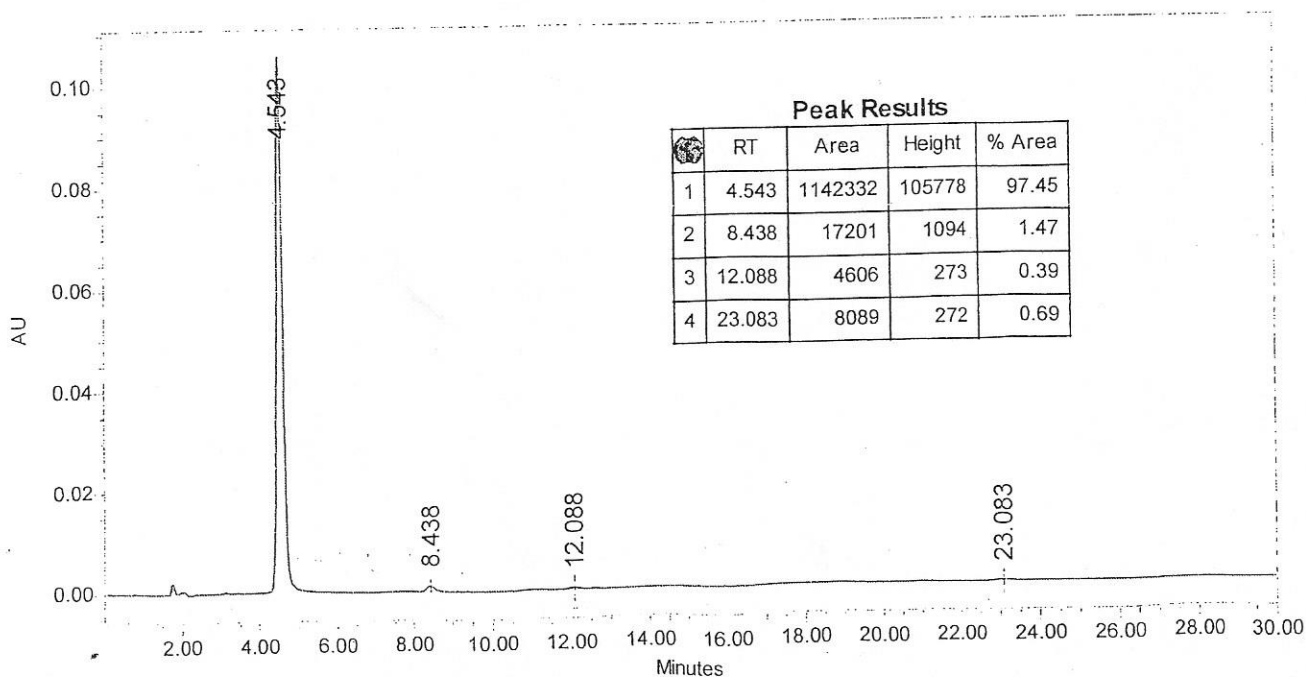
CAS number [52187-80-1]
Chemical family Flavonoids
Molecular formula $C_{27}H_{30}O_{16}$
Molecular weight 610.52

CERTIFICATE OF ANALYSIS

Appearance Yellow powder
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, 342 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 μ m
Solvent Water + 0.3% H_3PO_4 / Methanol / Acetonitrile (65/20/15, V/V/V)
Flow rate 1 ml/min
Detector UV visible 254 nm
Sample solvent Dimethylsulfoxide / Ethanol (2/18, V/V)



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