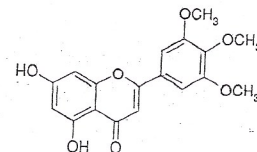




INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

021106S

5,7-DIHYDROXY-3',4',5'-TRIMETHOXYFLAVONE

Lot No.: 11071107

IDENTIFICATION

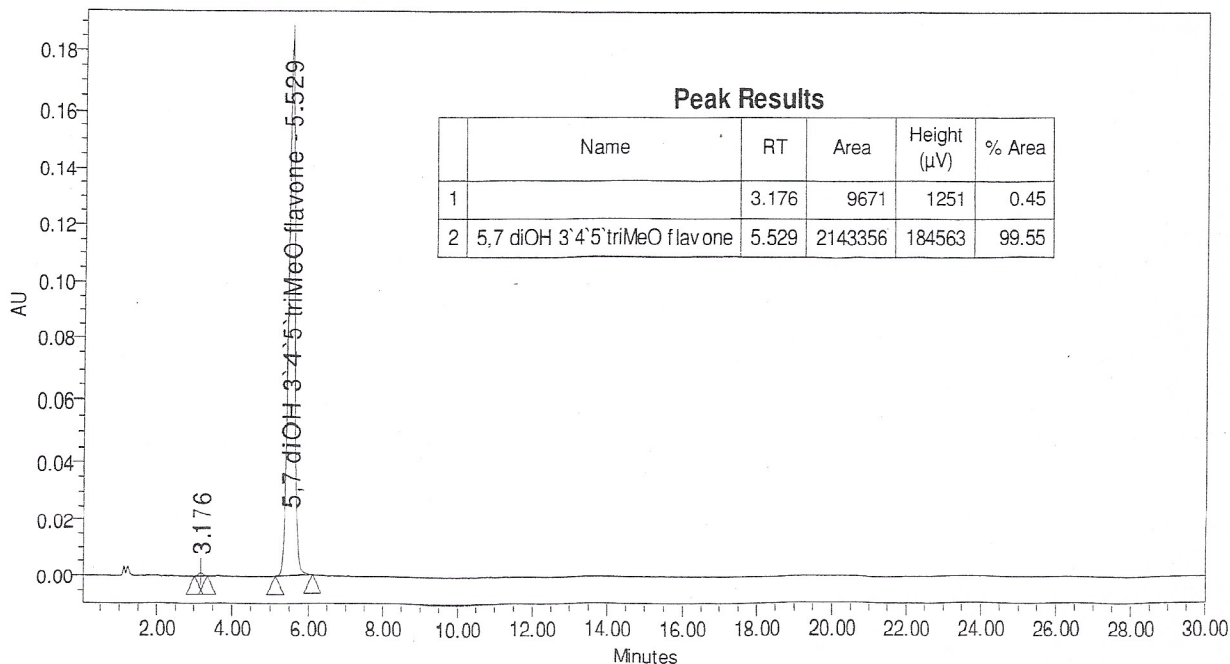
CAS number [18103-42-9]
Chemical family Flavonoids
Molecular formula C₁₈H₁₆O₇
Molecular weight 344.33

CERTIFICATE OF ANALYSIS

Appearance Yellow powder
Melting point 276-277°C
Moisture <0.5%
Residual solvent <0.5%
Thin layer chromatography support Silicagel
solvent Toluene / ethyl formate / formic acid (5/4/1, V/V/V)
detection U.V.
Absorption maxima 271, 330 nm in methanol + 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 Nova pak C18® (3.9 x 150 mm), particle size 4 µm
Solvent Water + 5% acetic acid / Methanol (45/55, V/V)
Flow rate 1 ml/min
Detector UV visible 330 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.