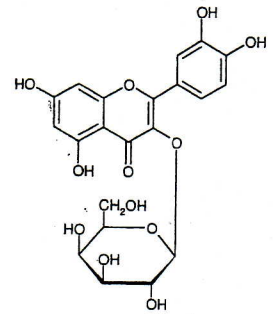




INDOFINE Chemical Company, Inc.

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HPLC **Batch: 24**

HYPEROSIDE **021027S**

IDENTIFICATION

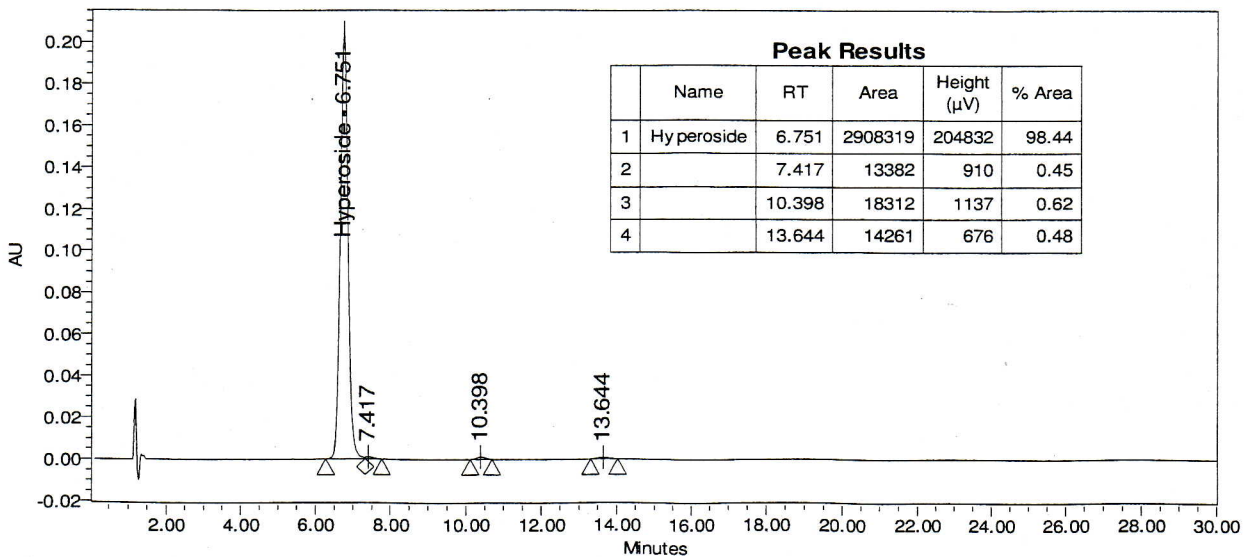
CAS number [482-36-0]
Chemical family Flavonoids
Chemical names Quercetin-3-O-galactoside ; Hyperin
Molecular formula C₂₁H₂₀O₁₂
Molecular weight 464.38

CERTIFICATE OF ANALYSIS

Appearance Yellow powder
Melting point 214-216°C
Moisture 3.9 %
Residual solvents 0.7%
Thin layer chromatography support Silicagel
solvent Ethyl acetate/formic acid/acetic acid/methylethylketone
50/7/3/30/10, V/V/V/V/V
detection U.V
Absorption maxima 257, 269sh, 297sh, 359 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 Nova pak C18® (3.9 x 150 mm), particle size 4 µm
Solvent Water + 5% acetic acid / Acetonitrile (88/12, V/V)
Flow rate 1 ml/min
Detector UV visible 254 nm
Sample solvent Methanol



Assay by an HPLC method.
Date of last QC-recheck : November 2009
Date of retest : November 2013

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