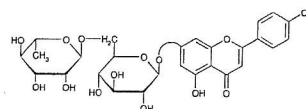


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**HPLC****Lot No.: 14050713****ISORHOIFOLIN**  
**(Apigenin-7-O-rutinoside)****021121S****IDENTIFICATION**

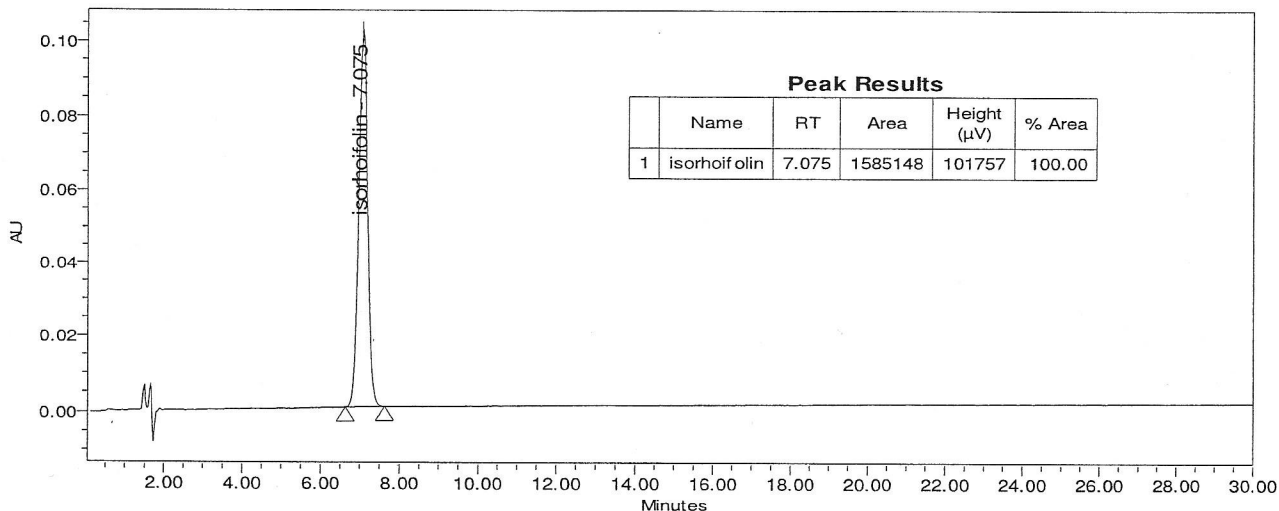
CAS number [552-57-8]  
Chemical family Flavonoids  
Synonym Apigenin-7-O-rutinoside  
Molecular formula  $C_{27}H_{30}O_{14}$   
Molecular weight 578.53

**CERTIFICATE OF ANALYSIS**

Appearance Lightly yellow powder  
Moisture 0.9%  
Residual solvents 1.8 %  
Thin layer chromatography support Silicagel  
solvent Ethylacetate/methylethylketone/formic acid/water  
(5/3/1/1, V/V/V/V)  
detection U.V.  
Absorption maxima 268, 337 nm in ethanol + 0.5% dimethylsulfoxide  
Storage Store at room temperature in a dry and dark place. Place in a desiccator under vacuum before use.

**HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**

Column Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5  $\mu$ m  
Solvent Water + 5% acetic acid / Methanol / Acetonitrile (65/25/10, V/V/V)  
Flow rate 1 ml/mn  
Detector UV visible 254 nm  
Sample solvent Dimethylsulfoxide / Ethanol (2/18, V/V)



Assay by an HPLC method.

Date of last QC-recheck *March 2013*  
Date of retest *March 2017*

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