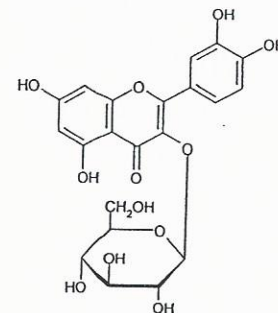




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HPLC ANALYSIS

021327S QUERCETIN-3-O-GLUCOPYRANOSE
Lot Number: 16062332

IDENTIFICATION

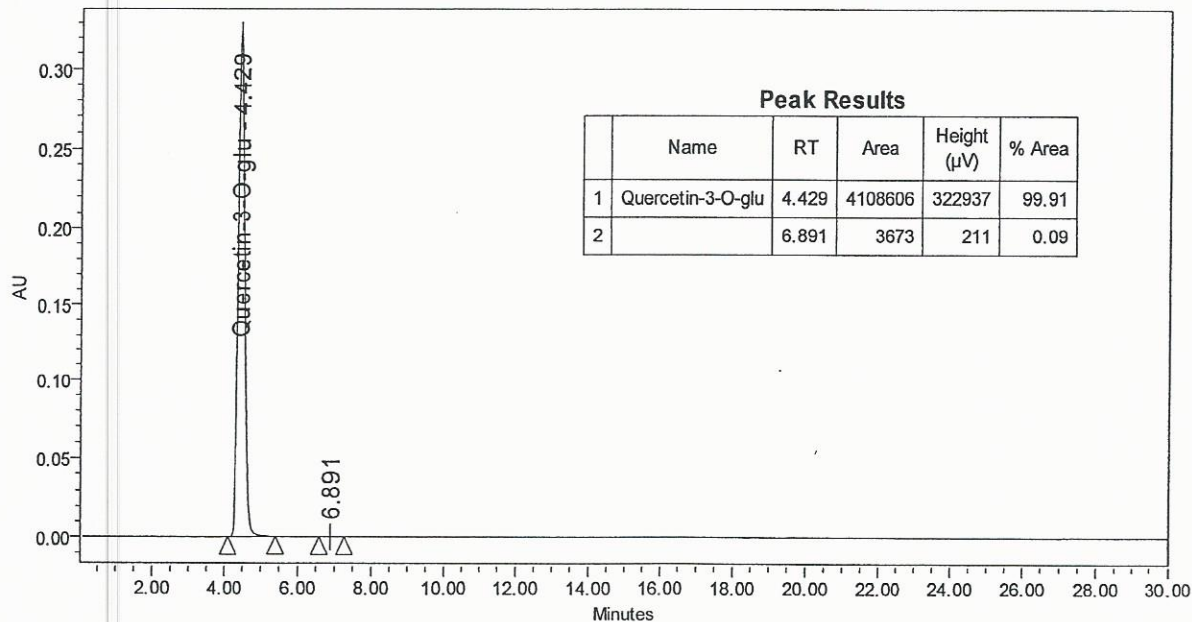
CAS number [482-35-9]
Molecular formula $C_{21}H_{20}O_{12}$
Molecular weight 464.38

CERTIFICATE OF ANALYSIS

Appearance Yellow powder
Moisture 6.8%
Residual solvents <0.5%
U.V. Spectrum 257, 268sh, 298sh, 357 nm in methanol
Thin layer chromatography support Silicagel
solvent Ethyl acetate/methylethylketone/formic acid/water (5/3/1/1, V/V/V/V)
detection U.V
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 μ m
Solvent Water + 0.3% H_3PO_4 / Methanol / Acetonitrile, (55/35/10, V/V/V)
Flow rate 1 ml/mn
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.