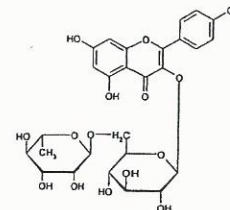




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HPLC ANALYSIS

021053S KAEMPFEROL-3-O-RUTINOSIDE Lot No.: 16102122

IDENTIFICATION

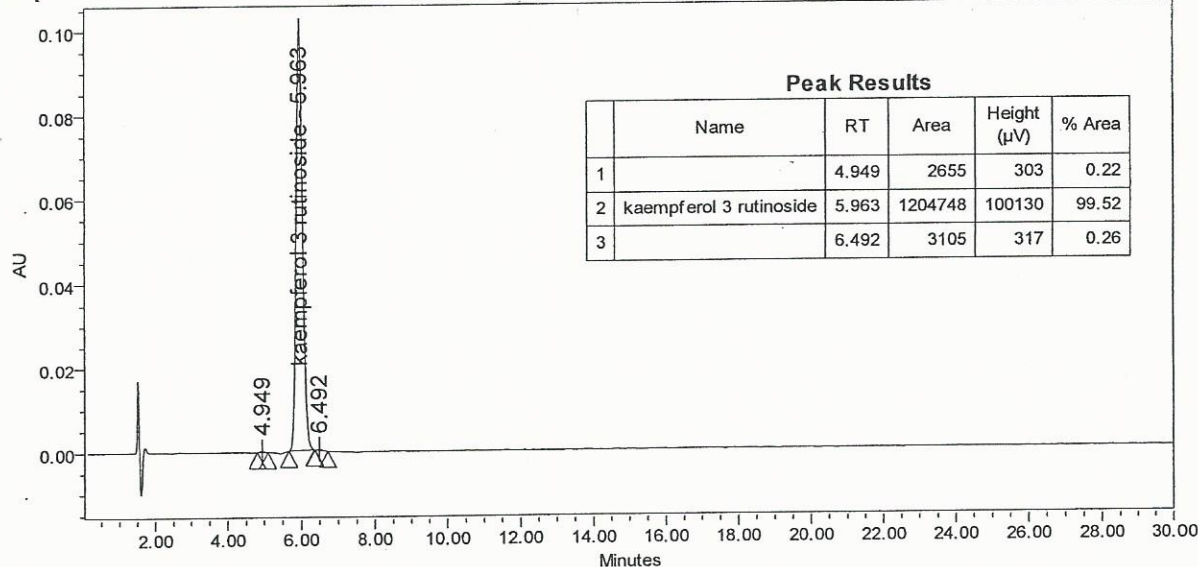
CAS number	[17650-84-9]
Synonym	Nicotiflorin
Molecular formula	C ₂₇ H ₃₀ O ₁₅
Molecular weight	594.53

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Melting point	194-196°C
Moisture	6.5%
Residual solvent	< 0.5 %
Thin layer chromatography	support Silicagel solvent Ethyl acetate / Methylenechloride / Formic acid / Water (5/3/1/1 , V/V/V/V)
Absorption maxima	detection UV 267, 300sh, 350 nm in methanol
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under vacuum 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 (85/15, V/V)
Flow rate	1 ml/min
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.