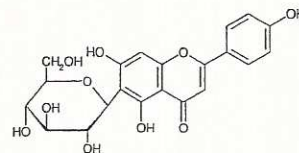




INDOFINE Chemical Company, Inc.

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HPLC

Lot No.: 13112220

ISOVITEXIN

021235S

IDENTIFICATION

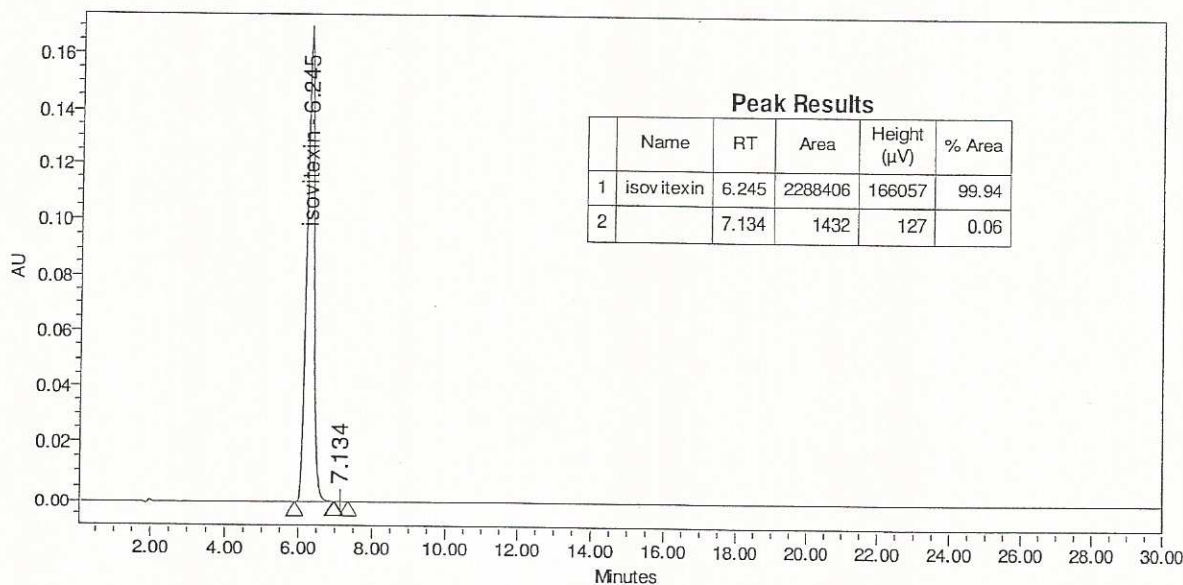
CAS number	[38953-85-4]
Chemical family	Flavonoids
Synonym	Homovitexin ; Apigenin-6-C-glucoside ; Saponaretin
Molecular formula	C ₂₁ H ₂₀ O ₁₀
Molecular weight	432.38

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Moisture	2.5 %
Residual solvents	< 0.5 %
Thin layer chromatography	support Silicagel solvent Ethyl acetate / formic acid / acetic acid / methylethylketone / water (50/7/3/30/10 ; V/V/V/V/V)
Absorption maxima	detection U.V. 272, 339 nm in ethanol
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 µm
Solvent	Water + 0.3% H ₃ PO ₄ / Methanol / Acetonitrile (65/25/10, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 254 nm
Sample solvent	Ethanol



Assay by an HPLC method

Date of last QC-recheck February 2013
Date of retest February 2017

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