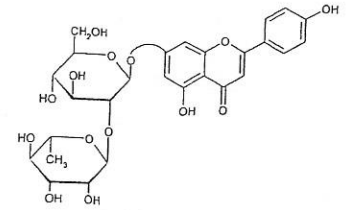




INDOFINE Chemical Company, Inc.

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HPLC

Batch: 06

RHOIFOLIN

021137S

IDENTIFICATION

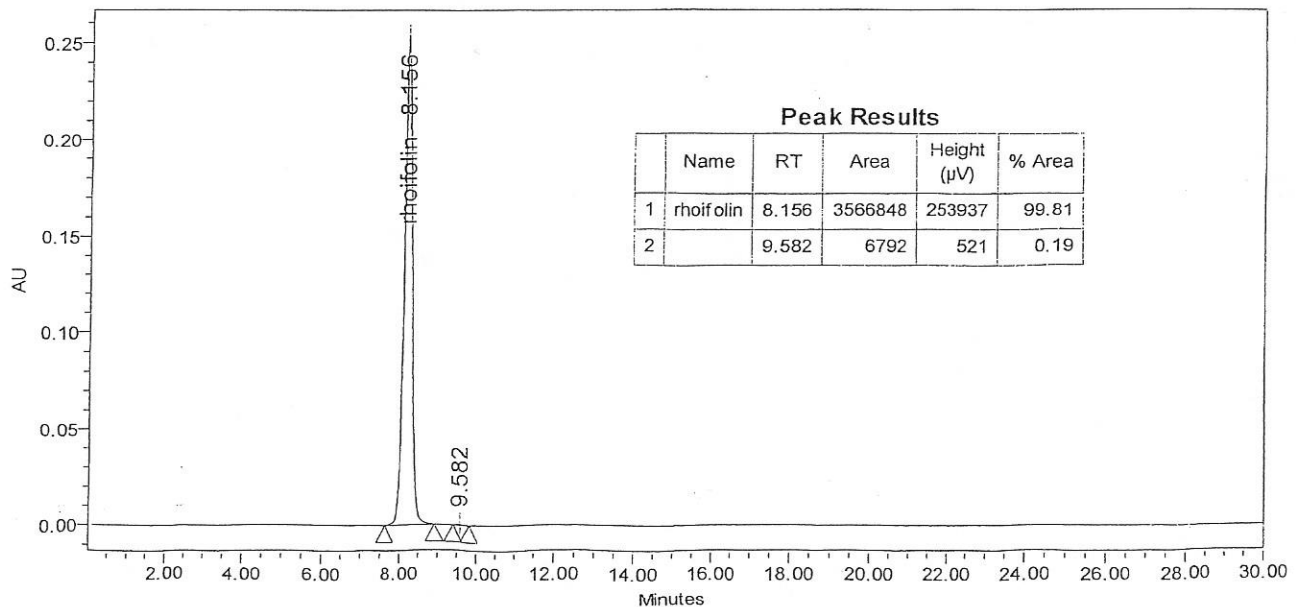
CAS number	[17306-46-6]
Chemical family	Flavonoids
Synonym	Apigenin-7-O-neohesperidoside
Molecular formula	C ₂₇ H ₃₀ O ₁₄
Molecular weight	578.53

CERTIFICATE OF ANALYSIS

Appearance	Slightly yellow powder	
Absorption maxima	268, 333 nm in methanol	
Moisture	<0.5%	
Residual solvents	<0.5%	
Thin layer chromatography	support	Silicagel
	solvent	Ethyl acetate / formic acid / water / methylethylketone (5/1/1/3; V/V/V/V)
	detection	U.V.
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	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm
Solvent	Water + 0.3% H ₃ PO ₄ / Methanol / Acetonitrile (65/15/20, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 340 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.