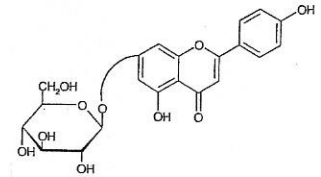




INDOFINE Chemical Company, Inc.

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HPLC

Lot No.: 14103111

APIGENIN-7-O-GLUCOSIDE

021004S

IDENTIFICATION

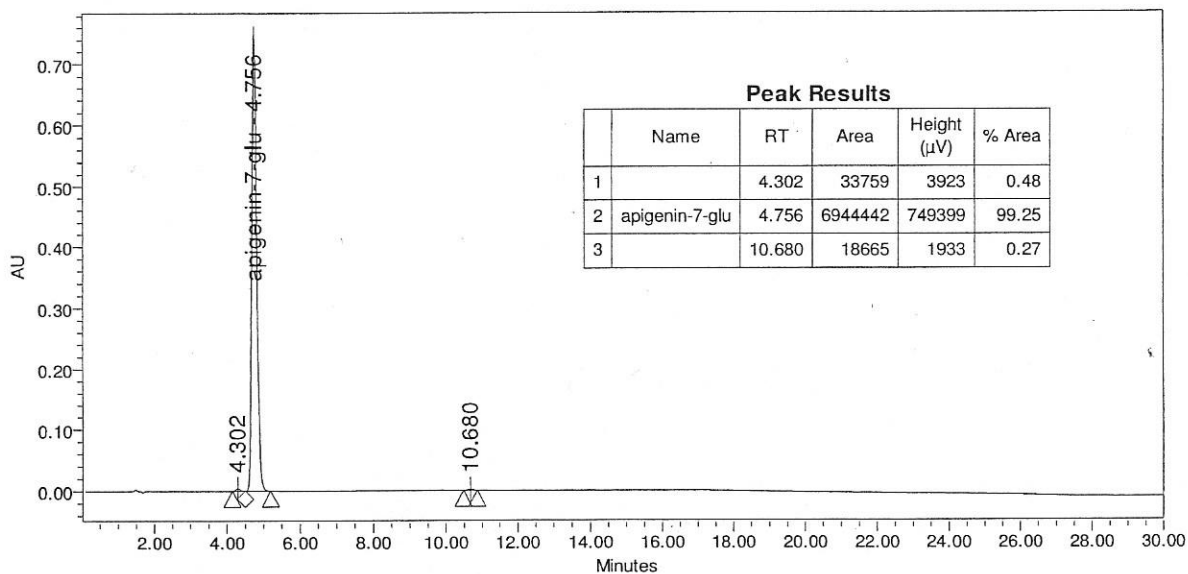
CAS number	[578-74-5]
Chemical family	Flavonoids
Synonym	Apigenin, Cosmosiin
Molecular formula	C ₂₁ H ₂₀ O ₁₀
Molecular weight	432.38

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Melting point	226-228°C
Absorption maxima	268, 332 nm in methanol
Moisture	1.2%
Residual solvents	<0.5%
Thin layer chromatography	support Silicagel solvent Ethyl acetate/methanol/water (100/25/10, 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 µm
Solvent	Water + 5% acetic acid / Methanol (50/50, V/V)
Flow rate	1 ml/min
Detector	UV visible 254 nm
Sample solvent	Methanol



Assay by an HPLC method.

Date of last QC-recheck April 2014
Date of retest April 2018

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