

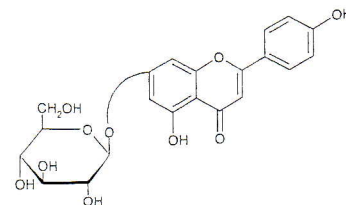


INDOFINE Chemical Company, Inc.

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H P L C

Batch: 09

APIGENIN-7-O-GLUCOSIDE

021004S

IDENTIFICATION

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

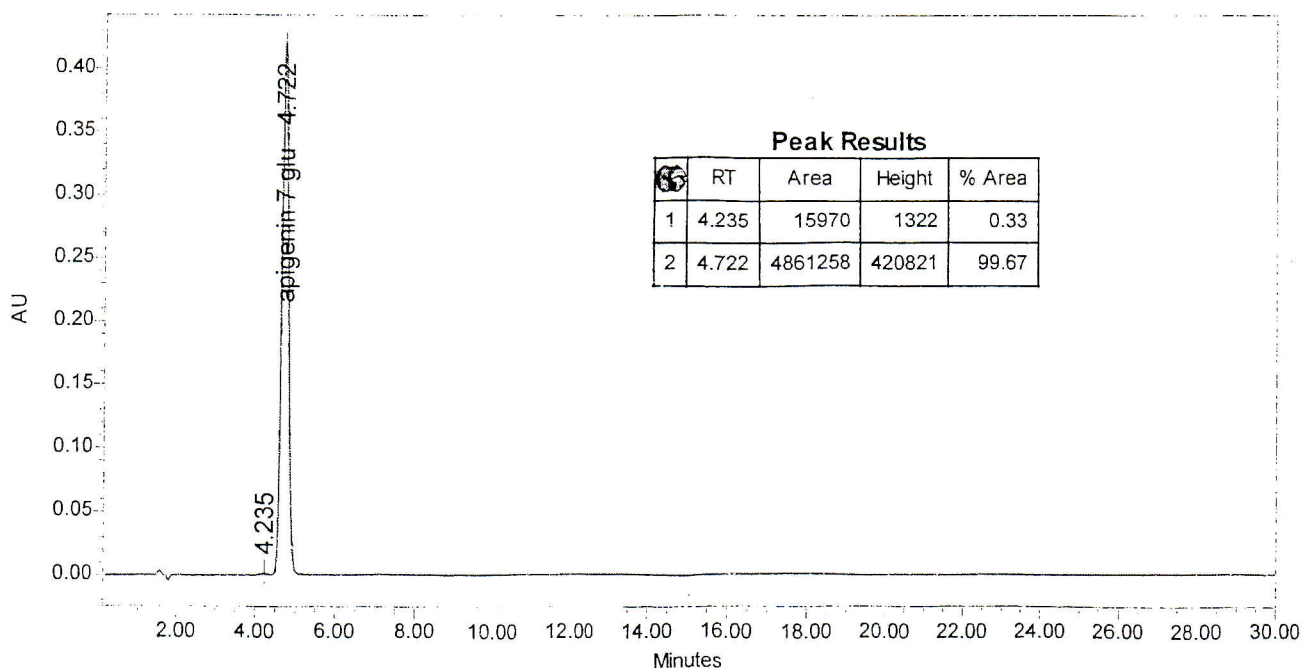
CERTIFICATE OF ANALYSIS

Appearance	Lightly yellow powder
Melting point	227-228°C
Moisture	1.7%
Absorption maxima	267.5, 331 nm in methanol
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 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 + 5% acetic acid / Methanol (50/50, V/V)
Flow rate	1 ml/mn
Detector	UV visible 254 nm
Sample solvent	Methanol



Product no-certified. Assay by an HPLC method.

Date of last QC-recheck : 06/21/06

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