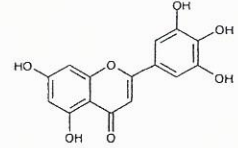




INDOFINE Chemical Company, Inc.

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HPLC ANALYSIS

021335S **TRICETIN** **Lot No.: 15010501**

IDENTIFICATION

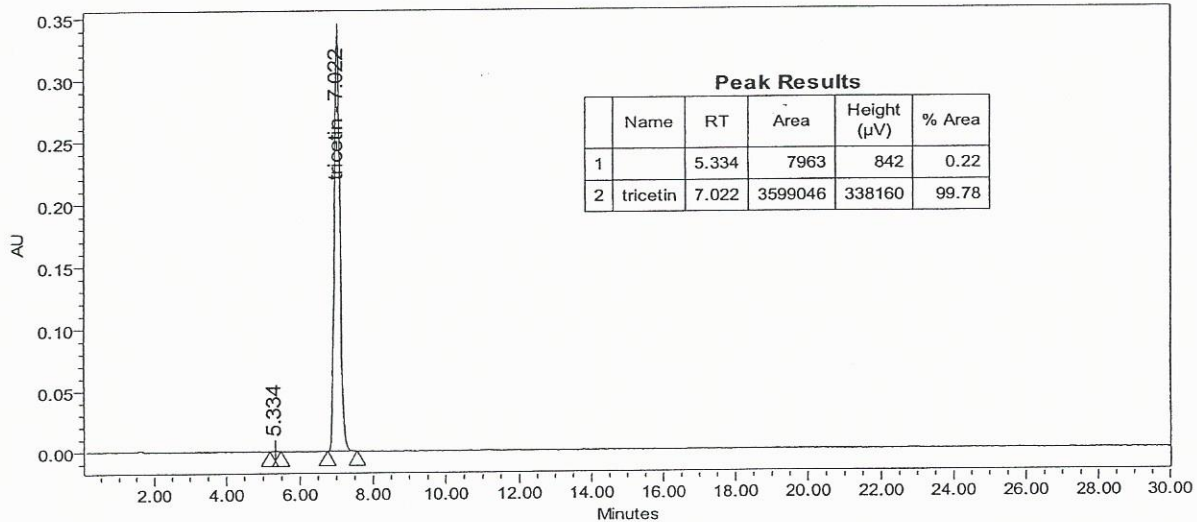
CAS number	[520-31-0]
Synonym	3',4',5,5',7-Pentahydroxyflavone
Chemical family	Flavonoids
Molecular formula	C ₁₅ H ₁₀ O ₇
Molecular weight	302.241

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Absorption maxima	249, 269, 302sh, 358 nm in ethanol
Moisture	3.5%
Residual solvents	≤ 0.5%
Thin layer chromatography	support Silicagel solvent Toluene/ethylformate/formic acid (5/4/1, V/V/V) detection U.V.
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under 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 (50/25/25, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 350 nm
Sample solvent	Ethanol



Assay by an HPLC method.

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