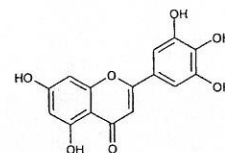




INDOFINE Chemical Company, Inc.

121 Stryker Lane, Building 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179



HPLC **Lot No.: 08070901**

TRICETIN **021335S**

IDENTIFICATION

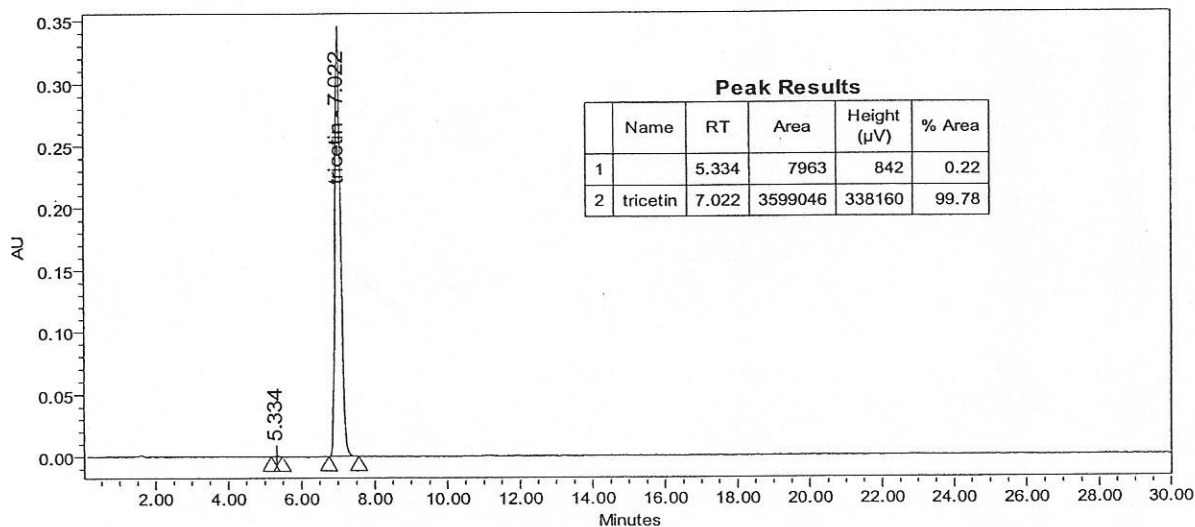
CAS number	[520-31-0]
Synonym	3',4',5,5',7-Pentahydroxyflavone
Chemical family	Flavonoids
Molecular formula	C ₁₅ H ₁₀ O ₇
Molecular weight	302.241

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.
Date of last QC-recheck : December 2013
Date of retest: December 2017

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