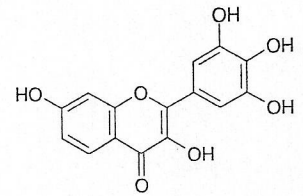




INDOFINE Chemical Company, Inc.

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HPLC Lot No.: 14041806

3,7,3',4',5'-PENTAHYDROXYFLAVONE

021138S

IDENTIFICATION

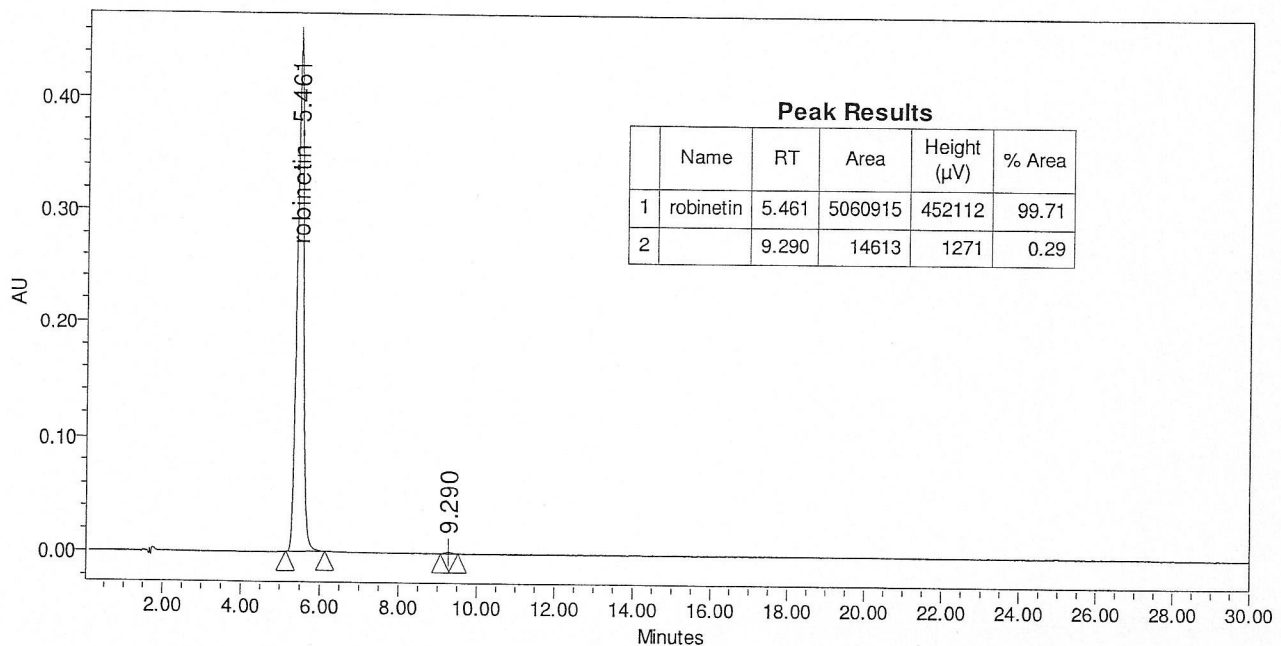
CAS number	[490-31-3]
Chemical family	Flavonoids
Synonym	3,3',4',5',7-Pentahydroxyflavone
Molecular formula	C ₁₅ H ₁₀ O ₇
Molecular weight	302.25

CERTIFICATE OF ANALYSIS

Appearance	dark yellow powder
Moisture	1.8%
Residual solvent	1.7%
Thin layer chromatography	support Silicagel
	solvent Toluene/ethylformate/formic acid (5/4/1, V/V/V)
	detection U.V.
Absorption maxima	252, 318, 366 nm in methanol
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 (55/45, V/V)
Flow rate	1 ml/min
Detector	UV visible 360 nm
Sample solvent	Methanol



Assay by an HPLC method.

Date of last QC-recheck : *December 2012*

Date of retest : *December 2016*

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