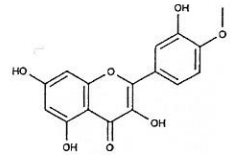




INDOFINE Chemical Company, Inc.

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HPLC ANALYSIS

021140S TAMARIXETIN Lot No.: 15070405

IDENTIFICATION

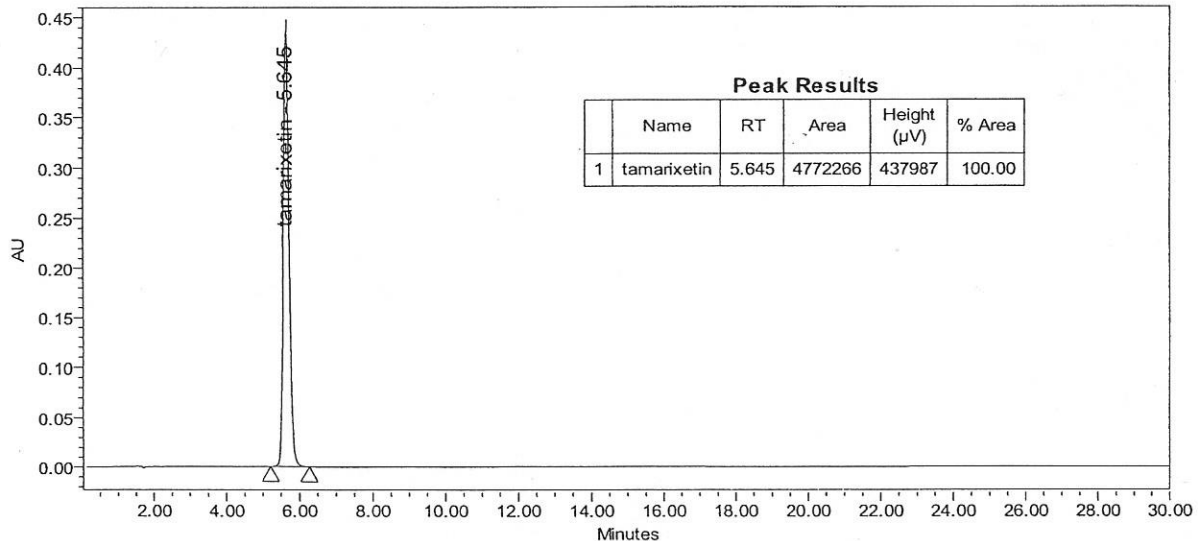
CAS number	[603-61-2]
Chemical family	Flavonoids
Chemical name	Quercetin-4'-methylether ; 3,3',5,7-Tetrahydroxy-4'-methoxyflavone
Molecular formula	C ₁₆ H ₁₂ O ₇
Molecular weight	316.28

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder	
Melting point	265-266°C	
Absorption maxima	256, 270sh, 300sh, 370 nm in ethanol	
Moisture	2.6%	
Residual solvents	<0.5%	
Thin layer chromatography	support	Silicagel
	solvent	Toluene/ethyl formiate/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 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 (30/70, V/V)
Flow rate	1 ml/min
Detector	UV visible 254 nm
Sample solvent	Ethanol



Assay by an HPLC method.

Date of last QC-recheck : January 2015

Date of retest: January 2019

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