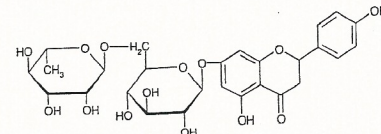




INDOFINE Chemical Company, Inc.

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Phone: (908) 359-6778; Fax: (908) 359-1179



HPLC

Batch: 16

NARIRUTIN

021130S

IDENTIFICATION

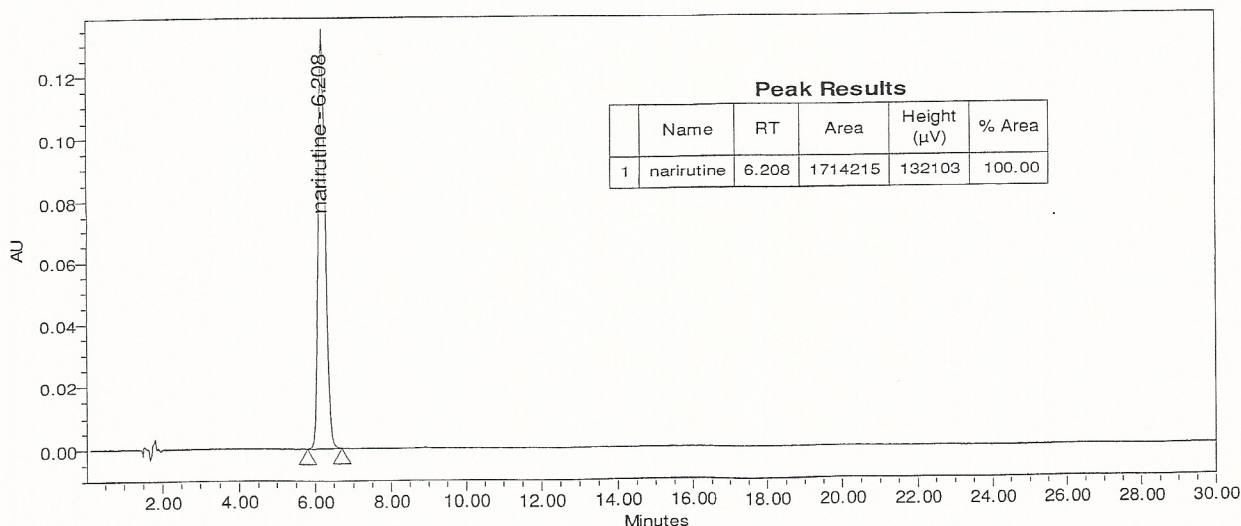
CAS number	[14259-46-2]
Chemical family	Flavonoids
Chemical names	Naringenin-7-O-rutinoside, Isonaringin
Molecular formula	C ₂₇ H ₃₂ O ₁₄
Molecular weight	580.55

CERTIFICATE OF ANALYSIS

Appearance	Cream powder	
Moisture	1.4 %	
Residual solvents	1.9%	
Thin layer chromatography	support	Silicagel
	solvent	Ethyl acetate/methylethylketone/acetic acid/water (5/3/1/1, V/V/V/V)
Absorption maxima	detection	U.V.
		284, 329 nm in ethanol
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 / Methanol / Acetonitrile (65/25/10 , V/V/V)
Flow rate	1 ml/min
Detector	UV visible 280 nm
Sample solvent	Ethanol



Assay by an HPLC method.

Date of last QC-recheck *January 2013*
Date of retest *January 2017*

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