

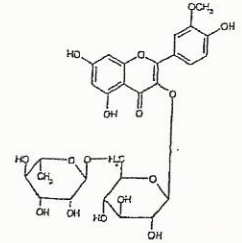


INDOFINE Chemical Company, Inc.

121 Stryker Lane, Building 30

Hillsborough, NJ 08844 USA

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



HPLC Lot No.: 12091902

ISORHAMNETIN-3-O-RUTINOSIDE 021333S

IDENTIFICATION

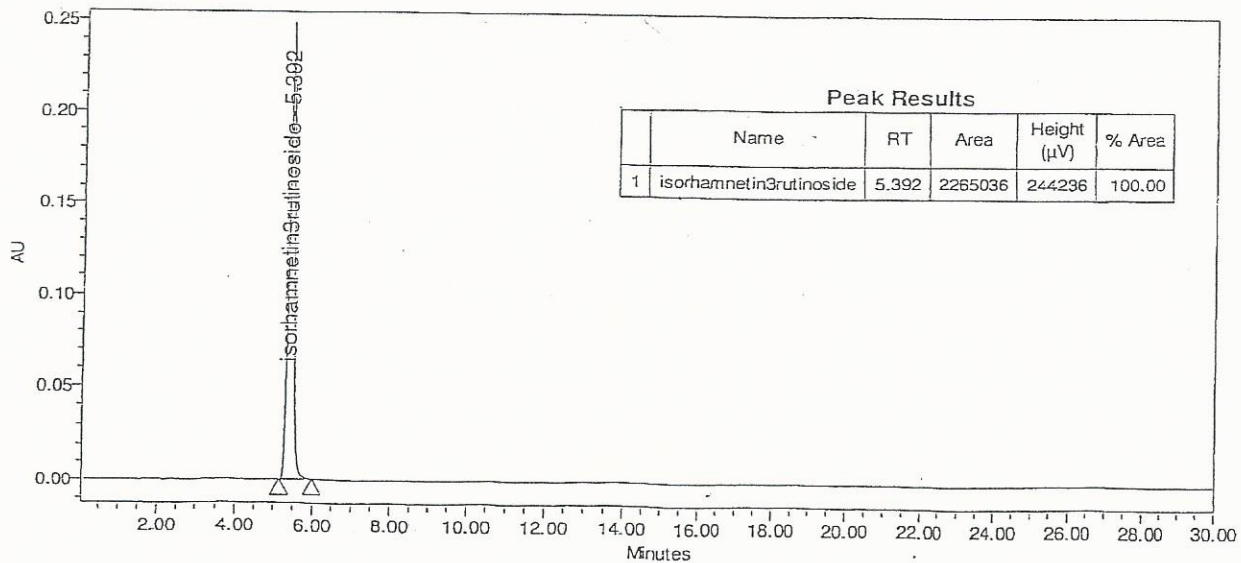
CAS number	[604-80-8]
Chemical family	Flavonoids
Synonym	Narcissin
Molecular formula	C ₂₈ H ₃₂ O ₁₆
Molecular weight	624.56

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder	
Thin layer chromatography	support	Silicagel
	solvent	2-propanol / ethyl acetate / toluene / water (50/25/10/12.5, V/V/V/V)
	detection	UV
Moisture	5.1%	
Residual solvent	< 0.5%	
Absorption maxima	255, 268sh, 300sh 357 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 + 0.3% H ₃ PO ₄ / Acetonitrile (75/25, V/V)
Flow rate	1 ml/mn
Detector	UV visible 254 nm
Sample solvent	Methanol



Assay by an HPLC method.

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