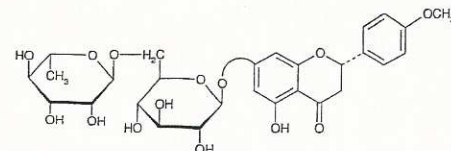




INDOFINE Chemical Company, Inc.

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HPLC Lot No.: 13052208

DIDYMIN

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IDENTIFICATION

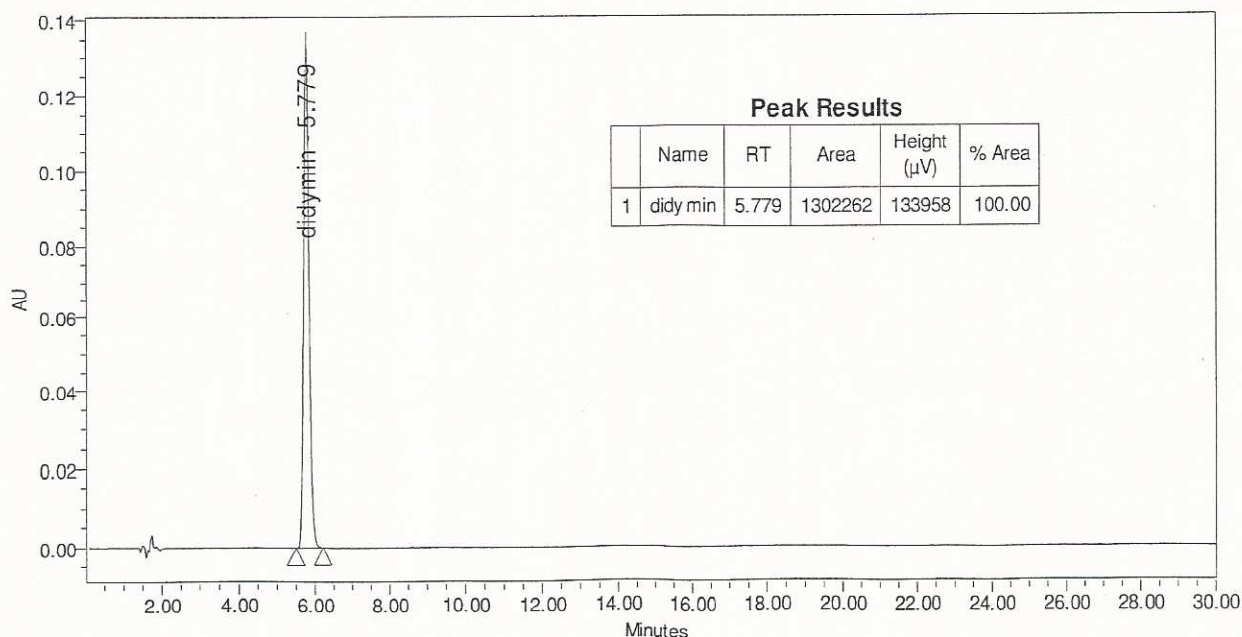
CAS number	[14259-47-3]
Chemical family	Flavonoids
Chemical names	Neoponcirin, Isosakuranetin-7-O-rutinoside
Molecular formula	C ₂₈ H ₃₄ O ₁₄
Molecular weight	594.57

CERTIFICATE OF ANALYSIS

Appearance	Cream powder
Thin layer chromatography	support Silicagel
	solvent Ethylacetate/methanol/water (100/25/10, V/V/V)
	detection U.V.
Absorption maxima	226, 284, 329 nm in ethanol
[α] _D	-99° c=0.2 in methanol
Moisture	0.7%
Residual solvents	1.9%
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 μ m
Solvent	Water + 0.3% H ₃ PO ₄ /Methanol/Acetonitrile (60/20/20, 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 :

February 2013

Date of retest:

February 2017

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