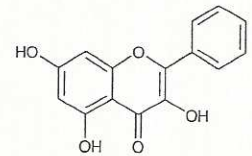




INDOFINE Chemical Company, Inc.

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HPLC

Lot No.: 13110810

GALANGIN

021114S

IDENTIFICATION

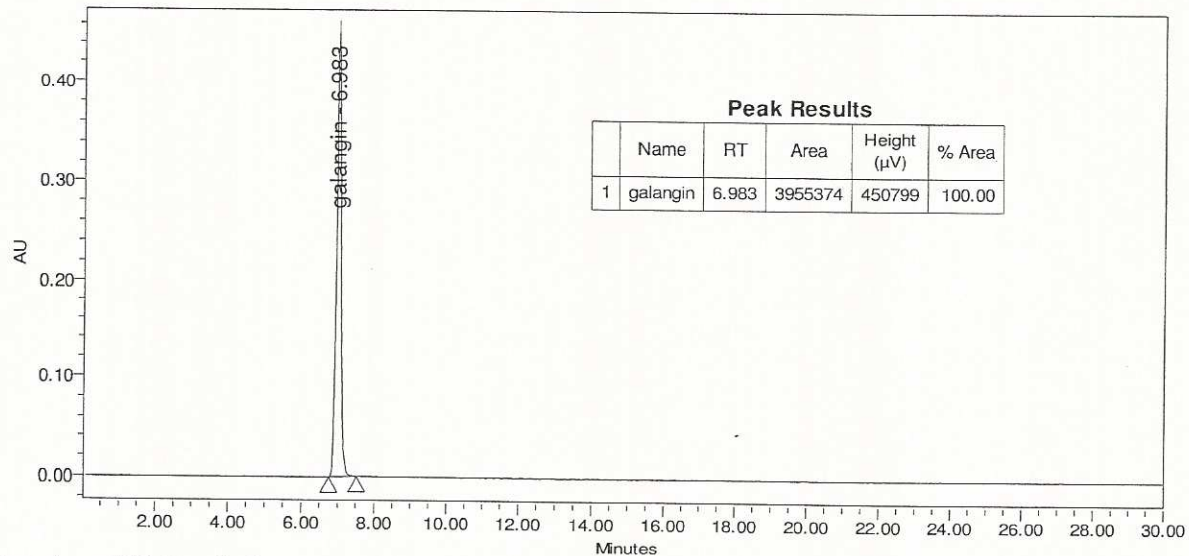
CAS number	[548-83-4]
Synonym	3,5,7-Trihydroxyflavone; Norizalpinin
Chemical family	Flavonoids
Molecular formula	C ₁₅ H ₁₀ O ₅
Molecular weight	270.25

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder	
Melting point	222-223°C	
Absorption maxima	268, 289sh, 303, 360 nm in ethanol	
Moisture	5.0%	
Residual solvents	< 0,5%	
Thin layer chromatography	Support	Silicagel
	Solvent	Toluene/ethyl formate/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 for 48 hours before use	

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm
Solvent	Water / Methanol / Acetonitrile (35/20/45, V/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 : April 2010

Date of retest : April 2014

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