

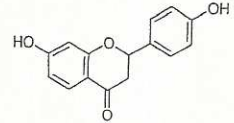


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HPLC Lot No.: 11071104

LIQUIRITIGENIN

021150S

IDENTIFICATION

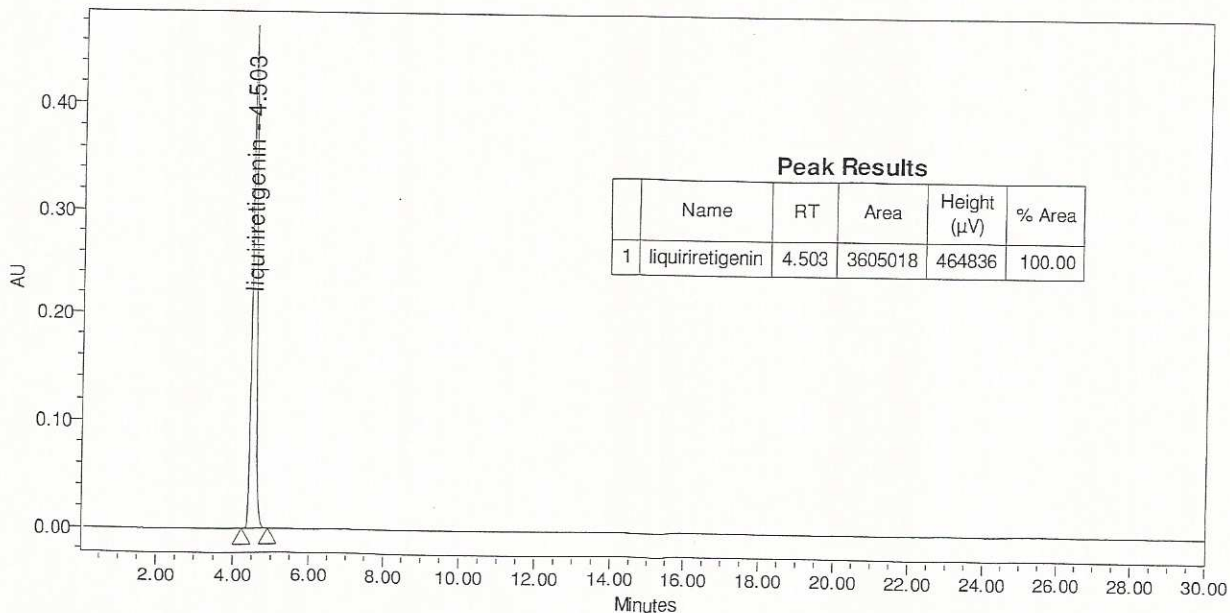
CAS number	[41680-09-5]
Chemical family	Flavonoids
Synonym	4',7-Dihydroxyflavanone
Molecular formula	C ₁₅ H ₁₂ O ₄
Molecular weight	256.27

CERTIFICATE OF ANALYSIS

Appearance	Whitish powder	
Melting point	197-198°C	
Thin layer chromatography	support	Silicagel
	solvent	Toluene/dioxane/acetic acid (25/90/4, V/V/V)
	detection	U.V.
Moisture	<0.5%	
Residual solvents	<0.5%	
[α] _D	0°	
Absorption maxima	231, 275, 312 nm in methanol	
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 + 5% acetic acid / Methanol (45/55, V/V)
Flow rate	1 ml/min
Detector	UV visible 275 nm
Sample solvent	methanol



Assay by an HPLC method.

Date of last QC-recheck : April 2011

Date of retest: April 2015

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