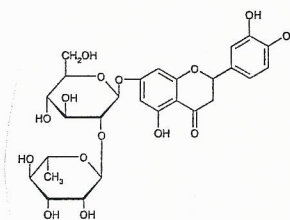


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**HPLC****Lot No.: 14081908****NEOERIOCITRIN****021131S****IDENTIFICATION**

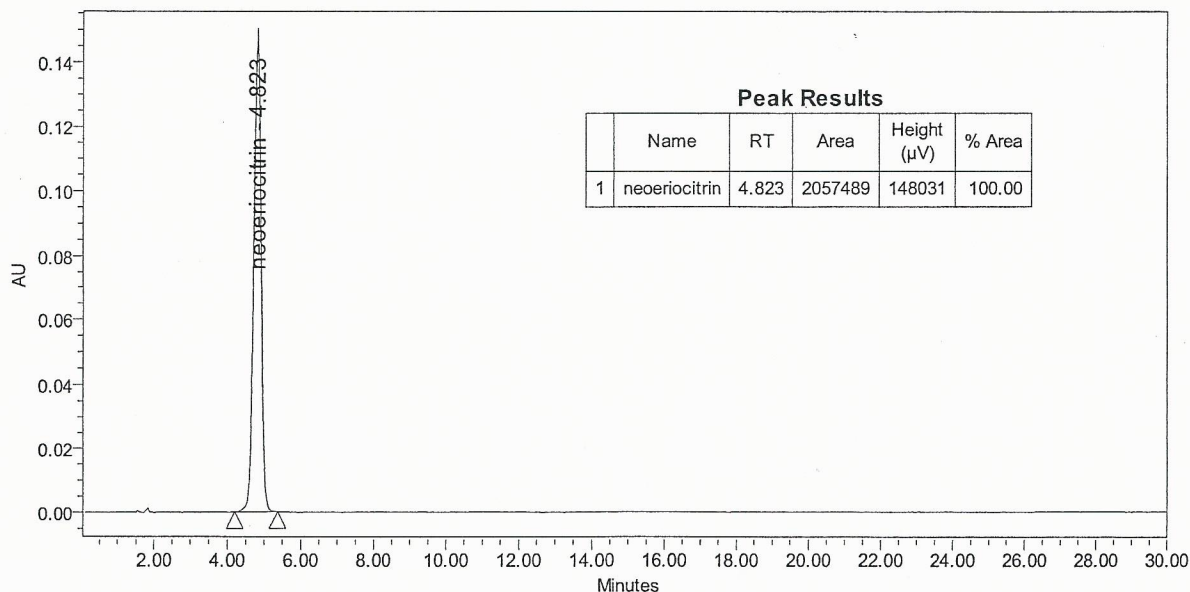
CAS number	[13241-32-2]
Chemical family	Flavonoids
Chemical names	Eriodictyol-7-O-neohesperidoside
Molecular formula	C ₂₇ H ₃₂ O ₁₅
Molecular weight	596.55

CERTIFICATE OF ANALYSIS

Appearance	Beige coloured powder	
Moisture	3.8%	
Residual solvents	< 0.5%	
Thin layer chromatography	support	Silicagel
	solvent	Ethylacetate/methanol/water (100/25/10, V/V/V)
	detection	U.V.
Absorption maxima	227sh, 285, 328sh nm in ethanol	
[α] _D	-85.5° c=0.5 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 + 0.3% H ₃ PO ₄ / 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

May 2014

Date of retest

May 2018

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