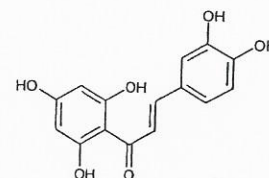


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**HPLC ANALYSIS****021282S****Lot No.: 15121703****3,4,2',4',6'-PENTAHYDROXYCHALCONE****IDENTIFICATION**

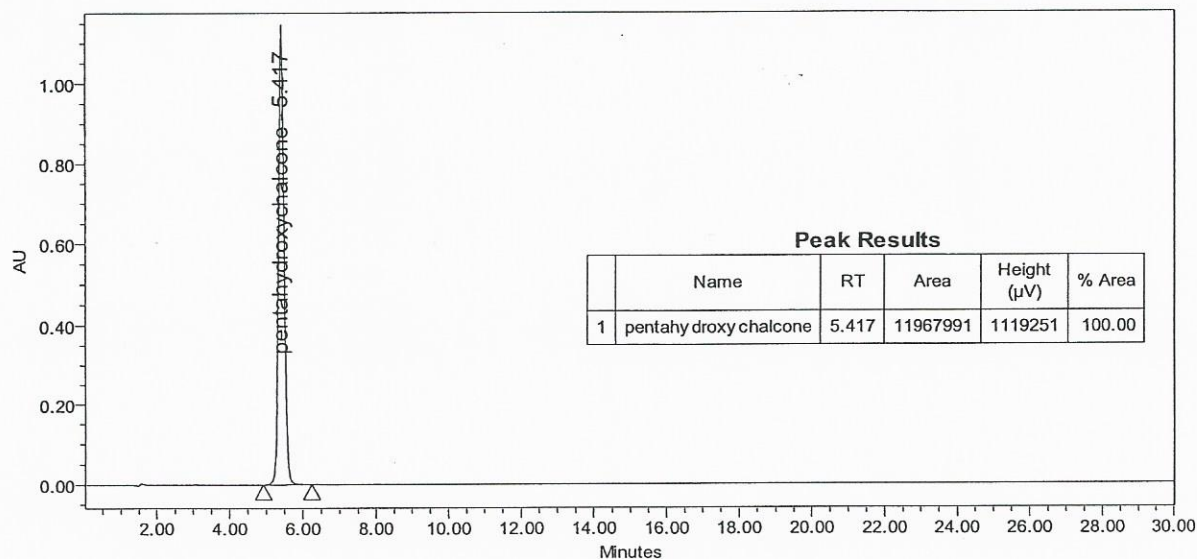
CAS number	[14917-41-0]
Chemical family	Flavonoids
Synonym	Eriodictyolchalcone
Molecular formula	C ₁₅ H ₁₂ O ₆
Molecular weight	288.27

CERTIFICATE OF ANALYSIS

Appearance	Orange brown powder
Thin layer chromatography	support Silicagel
	solvent Toluene/ethyl formate/formic acid (5/4/1, V/V/V)
	detection U.V
Moisture	2.5 %
Residual solvents	<1.3%
Absorption maxima	261, 317sh, 380 nm in ethanol
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under vacuum before use Unstable in solution.

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Nova pak C18® (3.9 x 150 mm), particle size 4 µm
Solvent	Water + 0.3% H ₃ PO ₄ /methanol/acetonitrile (65/15/20, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 380 nm
Sample solvent	Ethanol



Assay by an HPLC method.

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