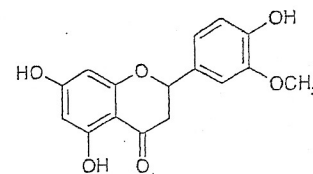


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**HPLC****Lot No.: 13040205****HOMOERIODICTYOL****021118S****IDENTIFICATION**

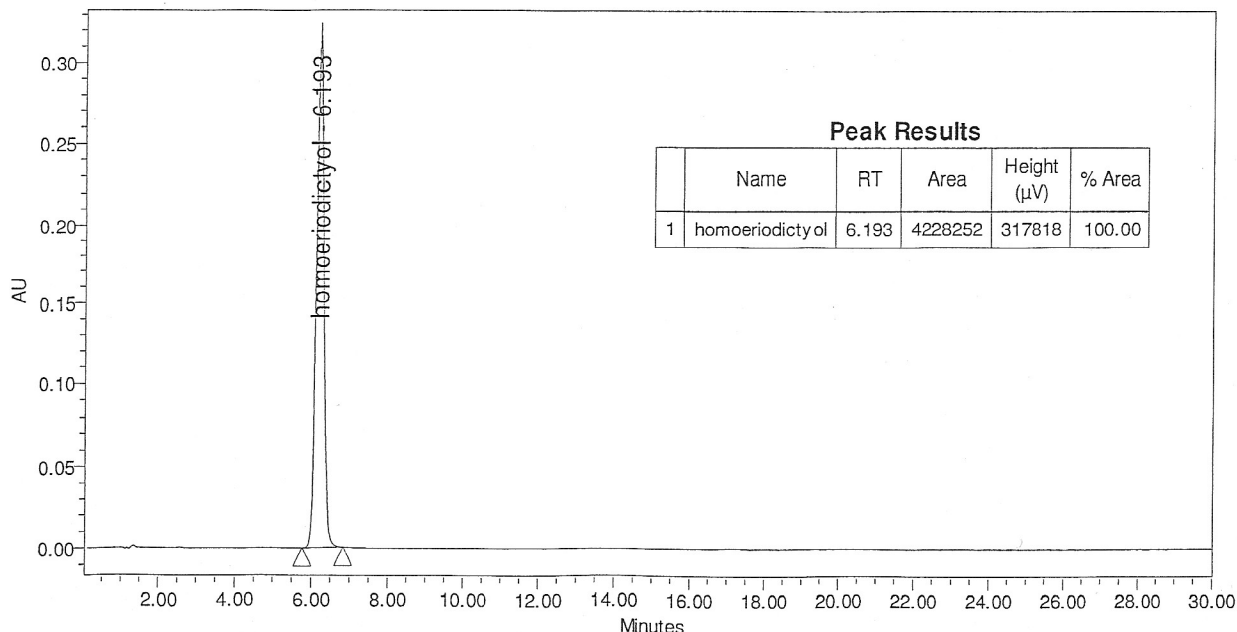
CAS number	[107657-60-3]
Chemical name	4',5,7-Trihydroxy-3'-methoxyflavanone
Chemical family	Flavonoids
Molecular formula	C ₁₆ H ₁₄ O ₆
Molecular weight	302.29

CERTIFICATE OF ANALYSIS

Appearance	Very slightly yellow powder	
Melting point	225-226°C	
Moisture	<0.5%	
Residual solvents	0.7%	
U.V. Spectrum	289, 338sh nm in ethanol	
[α] _D	0°	
Thin layer chromatography	support	Silicagel
	solvent	Toluene/Ethylformate/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	Nova pak C18® (3.9 x 150 mm), particle size 4 μm
Solvent	Water + 5% acetic acid / Methanol / Acetonitrile, (65/25/10, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 295 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.