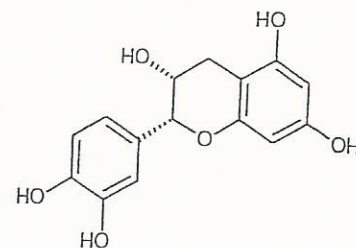


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**HPLC****Batch: 17****(-)-EPICATECHIN****020977S****IDENTIFICATION**

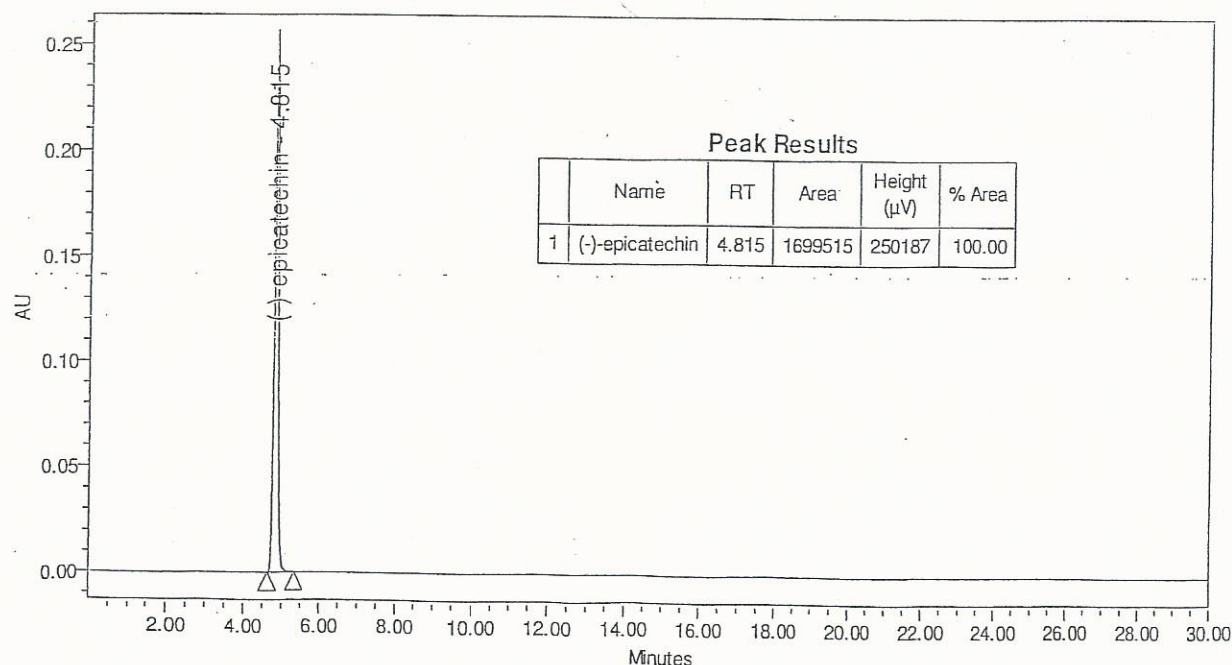
CAS number	[490-46-0]
Chemical family	Catechins, Tanins
Synonym	(-)-3,3',4',5,7-Pentahydroxyflavan
Molecular formula	C ₁₅ H ₁₄ O ₆
Molecular weight	290.28

CERTIFICATE OF ANALYSIS

Appearance	White powder
Moisture	6.2%
Residual solvents	< 0.5%
Absorption maxima	280 nm in ethanol
[α] _D	- 53° (c=0.4 in ethanol)
Thin layer chromatography	support Silicagel
	solvent Ethylacetate/Methylene chloride/Formic acid (60/30/2, V/V/V)
	detection p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1, V/V/V) 10mn at 110°C
Storage	Store at +2/+8°C 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/acetonitrile (83/17, V/V)
Flow rate	1 ml/mn
Detector	UV visible 280 nm
Sample solvent	Mobile phase



Assay by an HPLC method.

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