

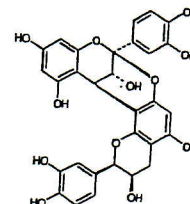


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HPLC **Batch: 02**

PROCYANIDIN A2 **020985S**

IDENTIFICATION

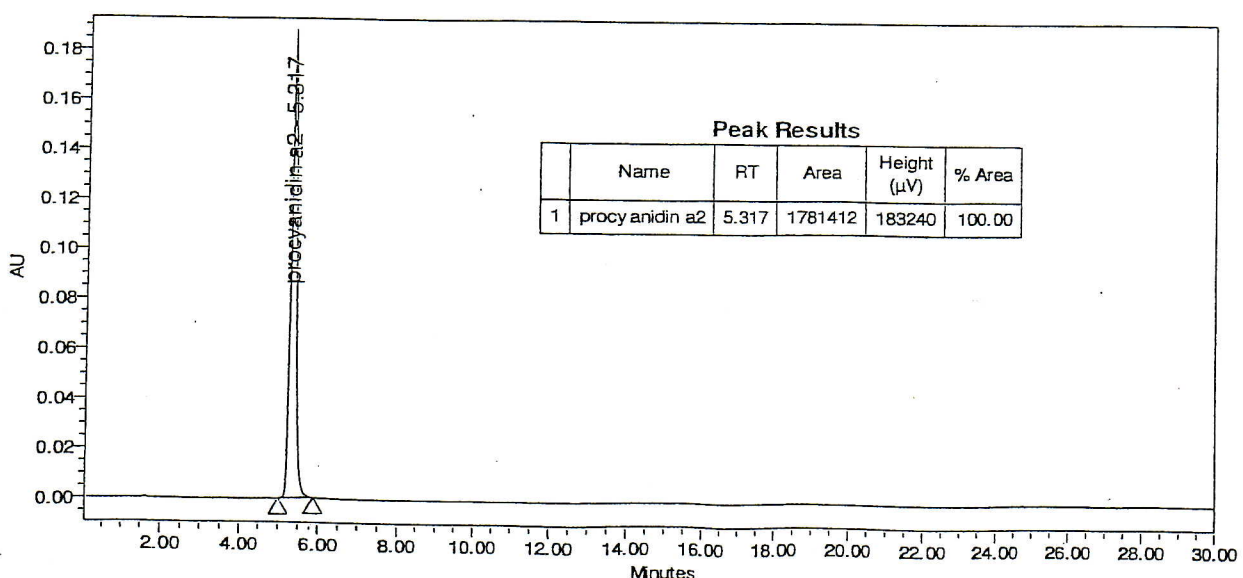
CAS number	[41743-41-3]
Synonym	Epicatechin-(2β→7,4β→8)-epicatechin
Chemical family	Catechins, Tanins
Molecular formula	C ₃₀ H ₂₄ O ₁₂
Molecular weight	576.52

CERTIFICATE OF ANALYSIS

Appearance	White powder
[α] _D	+ 61° (c=0.6 in acetone)
Moisture	6.2%
Residual solvents	0.1 %
Thin layer chromatography	support Silicagel
	solvent Ethylacetate/Methylene chloride/Formic acid (60/30/5, V/V/V)
	detection p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1:V/V/V)
	then heating 10 mn at 110°C
Absorption maxima	280 nm in methanol
Storage	Store at +2/8°C 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 / Acetonitrile (75/25, V/V)
Flow rate	1 ml/mn
Detector	UV visible 280 nm
Sample solvent	Methanol



Assay by an HPLC method
 Date of last QC-recheck: June 2011
 Date of retest: June 2015

Approved by:

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