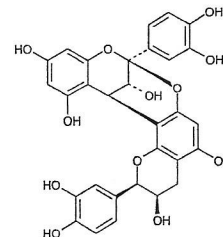




INDOFINE Chemical Company, Inc.

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HPLC

Lot No.: 13121603

PROCYANIDIN A2

020985S

IDENTIFICATION

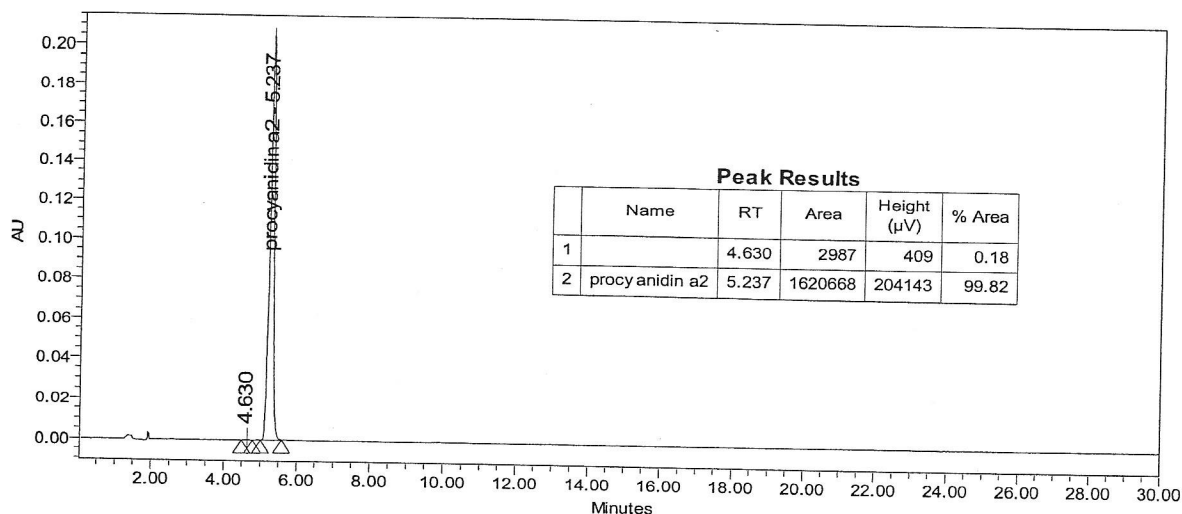
CAS number	[41743-41-3]
Synonym	Epicatechin-(2β→7,4β→8)-epicatechin
Chemical family	Catechins, Tanins
Molecular formula	C ₃₀ H ₂₄ O ₁₂
Molecular weight	576.52

CERTIFICATE OF ANALYSIS

Appearance	White powder	
[α] _D	+ 61° (c=0.6 in acetone)	
Moisture	6.7%	
Residual solvents	< 0.5%	
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. Unstable in solution	
	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 (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 *November 2013*
Date of retest *November 2017*

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