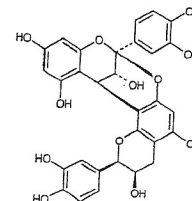


**INDOFINE Chemical Company, Inc.**

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**HPLC** **Batch: 02**

**PROCYANIDIN A2** **020985S**

**IDENTIFICATION**

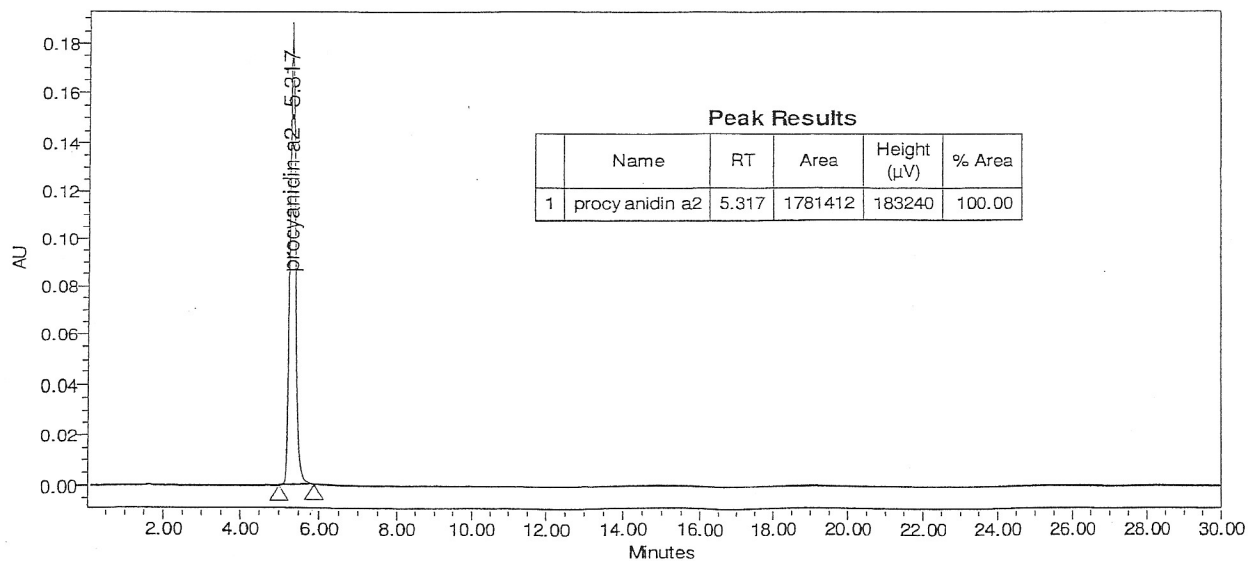
CAS number	[41743-41-3]
Synonym	Epicatechin-(2β→7,4β→8)-epicatechin
Chemical family	Catechins, Tanins
Molecular formula	C <sub>30</sub> H <sub>24</sub> O <sub>12</sub>
Molecular weight	576.52

**CERTIFICATE OF ANALYSIS**

Appearance	White powder	
[α] <sub>D</sub>	+ 61° (c=0.6 in acetone)	
Moisture	6.2%	
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. 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

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