

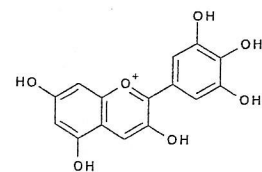


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HPLC

Lot No.: 14030653

DELPHINIDIN CHLORIDE

020904S

IDENTIFICATION

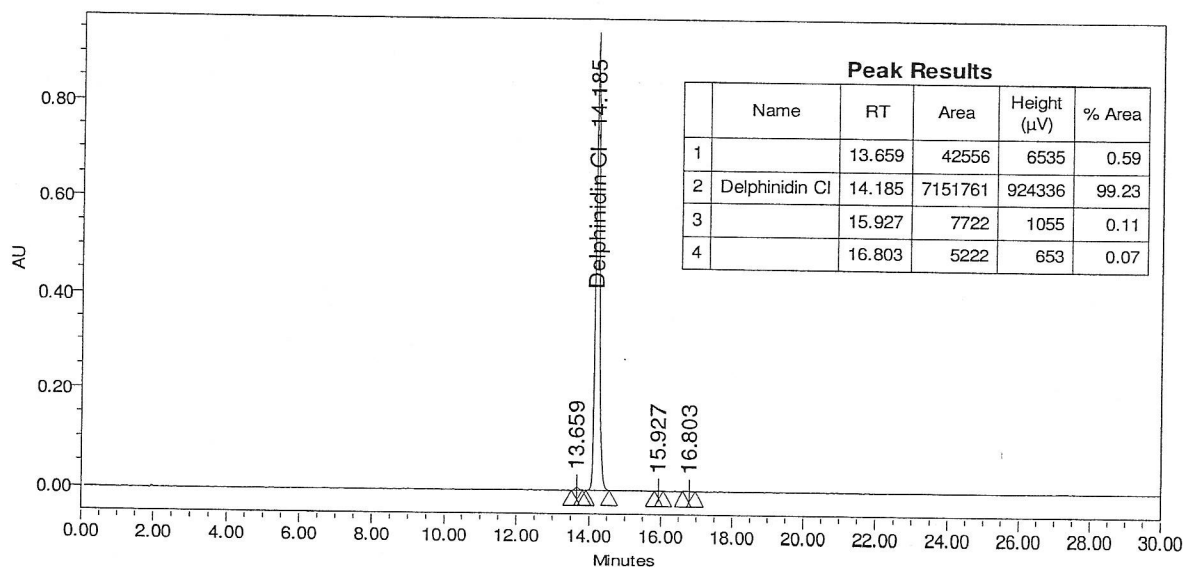
CAS number	[528-53-0]
Chemical family	Anthocyanins
Synonym	3,3',4',5,5',7-Hexahydroxyflavylium chloride
Molecular formula	C ₁₅ H ₁₁ O ₇ Cl
Molecular weight	338.7

CERTIFICATE OF ANALYSIS

Appearance	Powder
Thin layer chromatography support	Silicagel
solvent	Ethylacetate/formic acid / water (50/3/2 ; V/V/V)
detection	Visible
Absorption maxima	548 nm in methanol + HCl 0.1%
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under vacuum before use.

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Atlantis dC18® (4.6 x 150 mm), particle size 3 µm
Solvent	20 mn linear gradient from 5 to 60% B and 5 mn linear gradient from 60 to 100% B then 5 mn isocratic 100% B A=water + 10% formic acid B=methanol
Flow rate	1 ml/mn
Detector	UV visible 530 nm
Sample solvent	Methanol + 0.1% HCl



Assay by an HPLC method.

Date of last QC-recheck *December 2012*

Date of retest *December 2016*

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