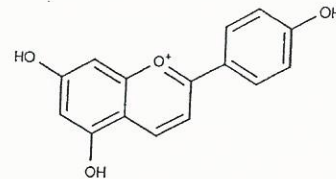




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Cl⁻

HPLC ANALYSIS

020921S APIGENINIDIN CHLORIDE Lot No.: 16051307

IDENTIFICATION

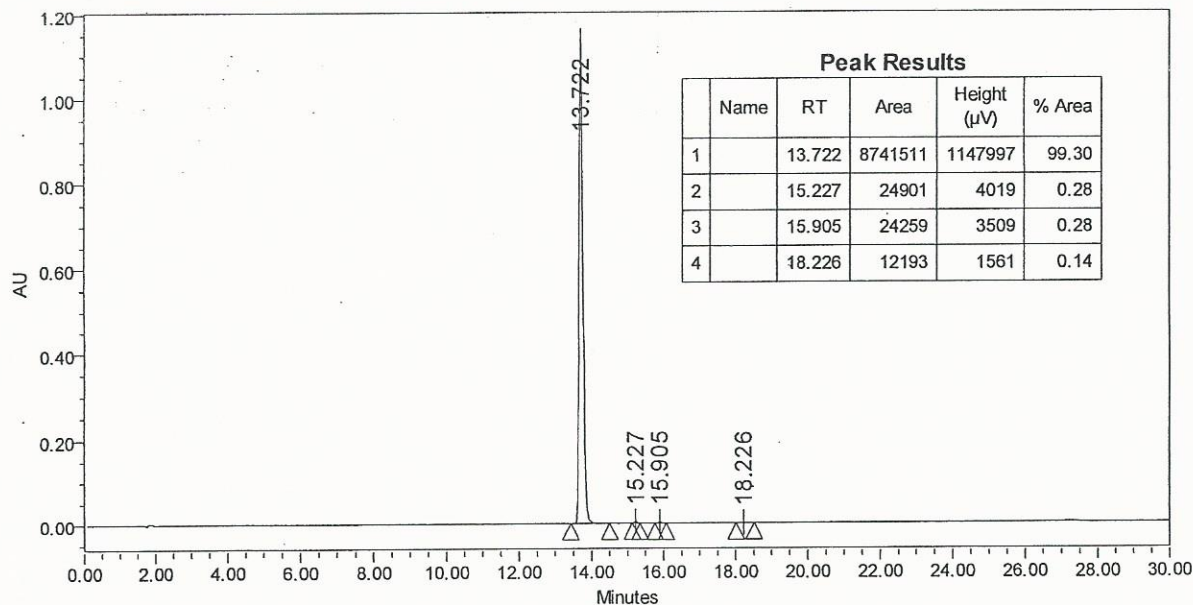
CAS number	[1151-98-0]
Molecular formula	C ₁₅ H ₁₁ O ₄ Cl
Molecular weight	290.69

CERTIFICATE OF ANALYSIS

Appearance	orange powder
Thin layer chromatography	support Silicagel solvent Ethylacetate/formic acid / water (50/3/2 ; V/V/V) detection Visible
Absorption maxima	480 nm in methanol + HCl 0.1%
Storage	Store at <-15°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	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 478nm
Sample solvent	Methanol + 0.1% HCl



Assay by an HPLC method.

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