

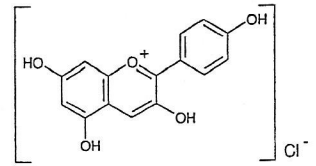


INDOFINE Chemical Company, Inc.

121 Stryker Lane, Building 30

Hillsborough, NJ 08844 USA

Phone: (908) 359-6778; Fax: (908) 359-1179



HPLC Lot No.: 14030631

PELARGONIDIN CHLORIDE

020912S

IDENTIFICATION

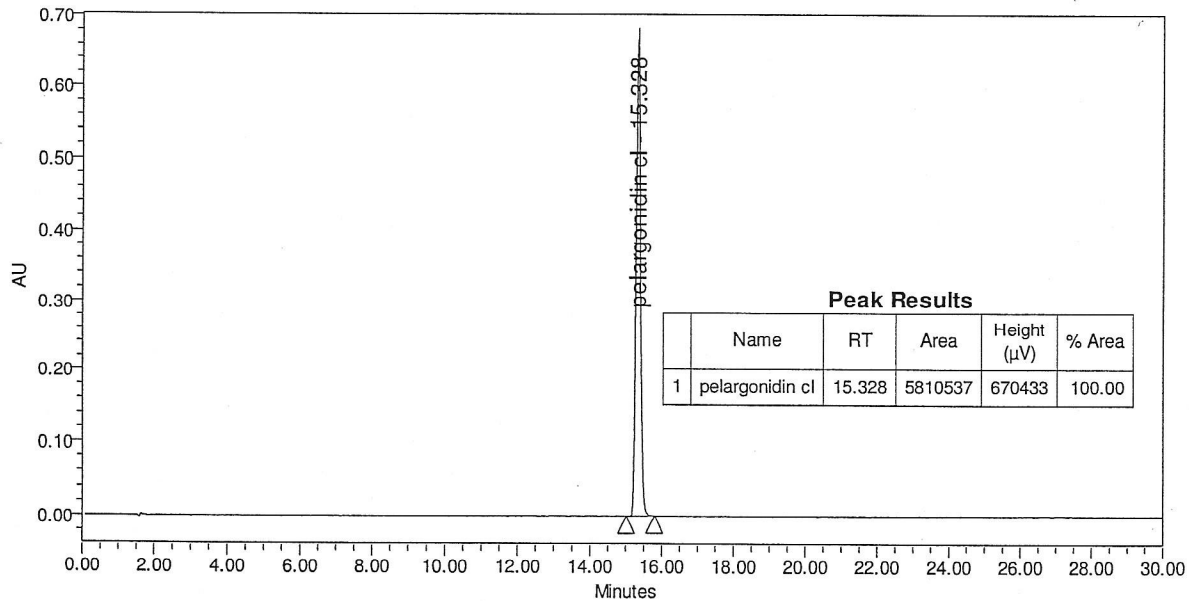
CAS number	[134-04-3]
Chemical family	Anthocyanins
Synonym	3,4',5,7-Tetrahydroxyflavylium chloride
Molecular formula	C ₁₅ H ₁₁ O ₅ Cl
Molecular weight	306.7

CERTIFICATE OF ANALYSIS

Appearance	powder
Thin layer chromatography	support Silicagel solvent Ethyl acetate / formic acid / water (50/3/2 , V/V/V) detection Visible
Absorption maxima	523 nm in methanol + 0.1% HCl
Storage	Store at room temperature 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/min
Detector	UV visible 515 nm
Sample solvent	Methanol + 0.1% HCl



Assay by an HPLC method.

Date of last QC-recheck *May 2013*

Date of retest *May 2017*

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