



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number: 020921S

Product Name: **APIGENINIDIN CHLORIDE with HPLC**

CAS Number: [1151-98-0]

Lot Number: 05030306

Chemical Formula: C₁₅H₁₁O₄Cl

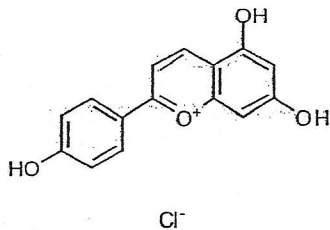
Molecular Weight: 290.70

Appearance: Powder

Solubility: Soluble in Chloroform

Storage: Store at -20°C in a dry and dark place.

Purity(HPLC): 98.24%





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H P L C **Batch: 06**

APIGENINIDIN CHLORIDE **020921S**

IDENTIFICATION

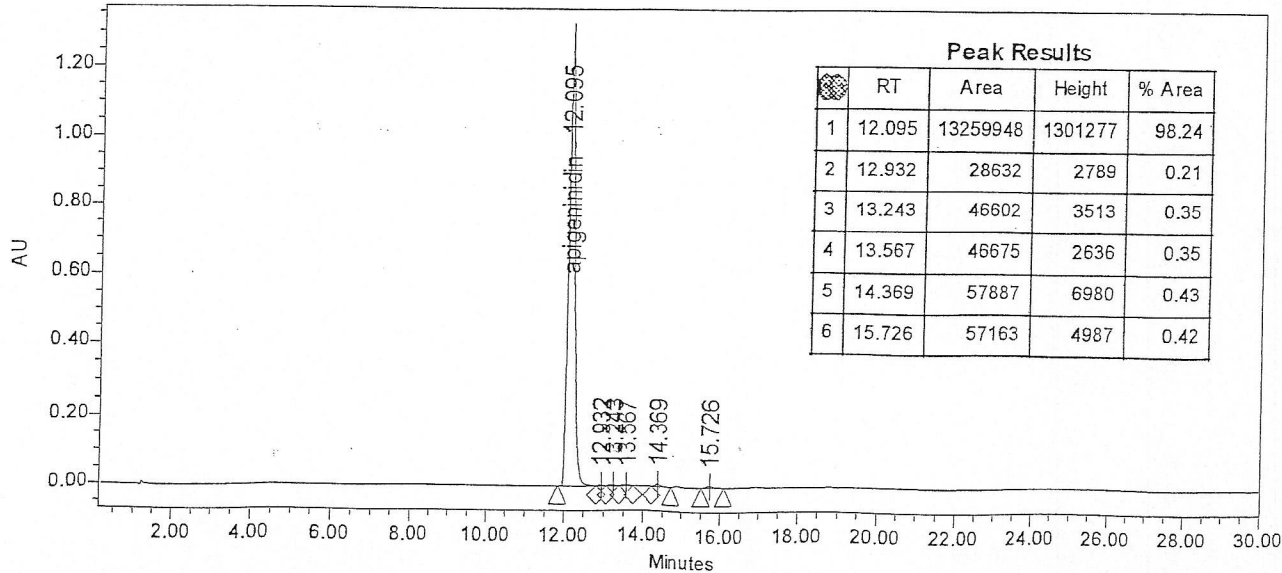
CAS number	[1151-98-0]
Chemical family	Anthocyanins
Molecular formula	C ₁₅ H ₁₁ O ₄ Cl
Molecular weight	290.70

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	479.5 nm in methanol + HCl 0.1%
Storage	Store at -20°C in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Nova pak C18® (3.9 x 150 mm), particle size 4 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



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