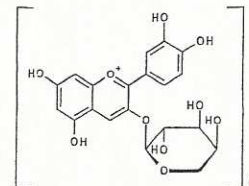




INDOFINE Chemical Company, Inc.

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HPLC

Lot No.: 13092602

CYANIDIN-3-O-ARABINOSIDE

020908S

IDENTIFICATION

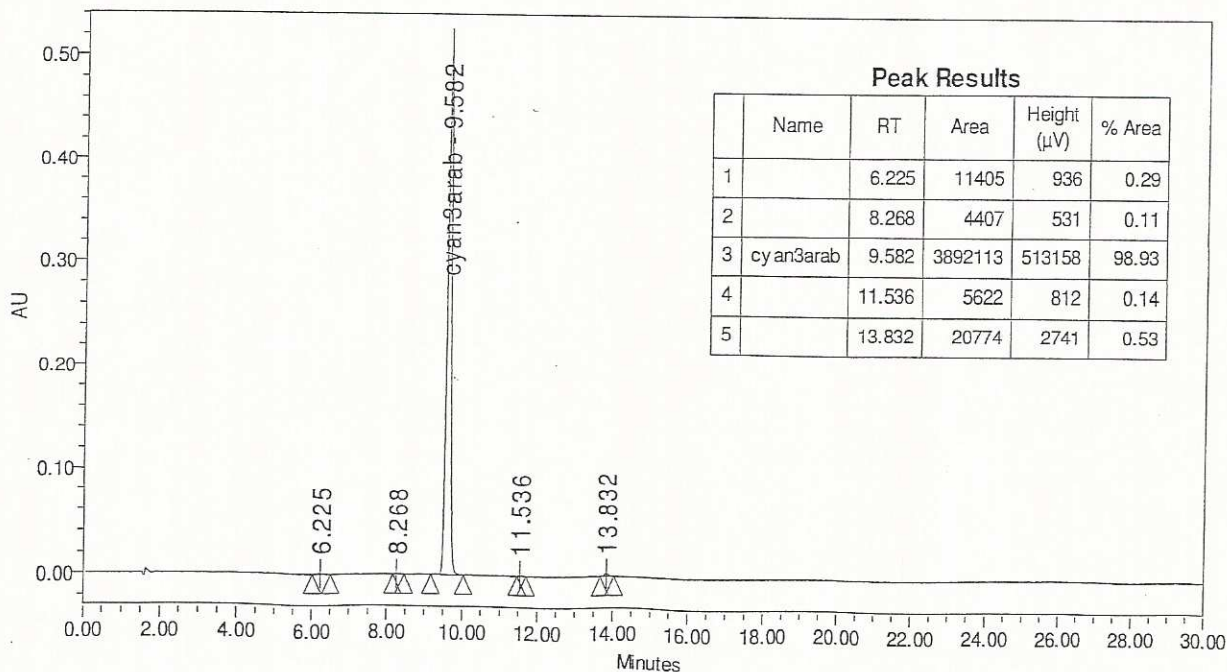
CAS number	[27214-72-8]
Chemical family	Anthocyanins
Molecular formula	C ₂₀ H ₁₉ O ₁₀ Cl
Molecular weight	454.81

CERTIFICATE OF ANALYSIS

Appearance	Powder
Thin layer chromatography	support Cellulose
	solvent Acetic acid/Water/Hydrochloric acid (70/23/7, V/V/V)
	detection Visible
Absorption maxima	530 nm in methanol + 0.1% HCl
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 520 nm
Sample solvent	Methanol + 0.1% HCl



Assay by an HPLC method.

Date of last QC-recheck *January 2013*

Date of retest *January 2015*

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