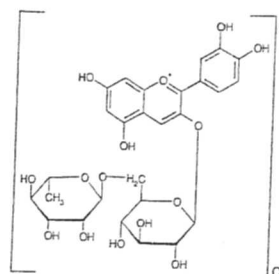




INDOFINE Chemical Company, Inc.

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HPLC

Batch: 26

KERACYANIN CHLORIDE

020914S

IDENTIFICATION

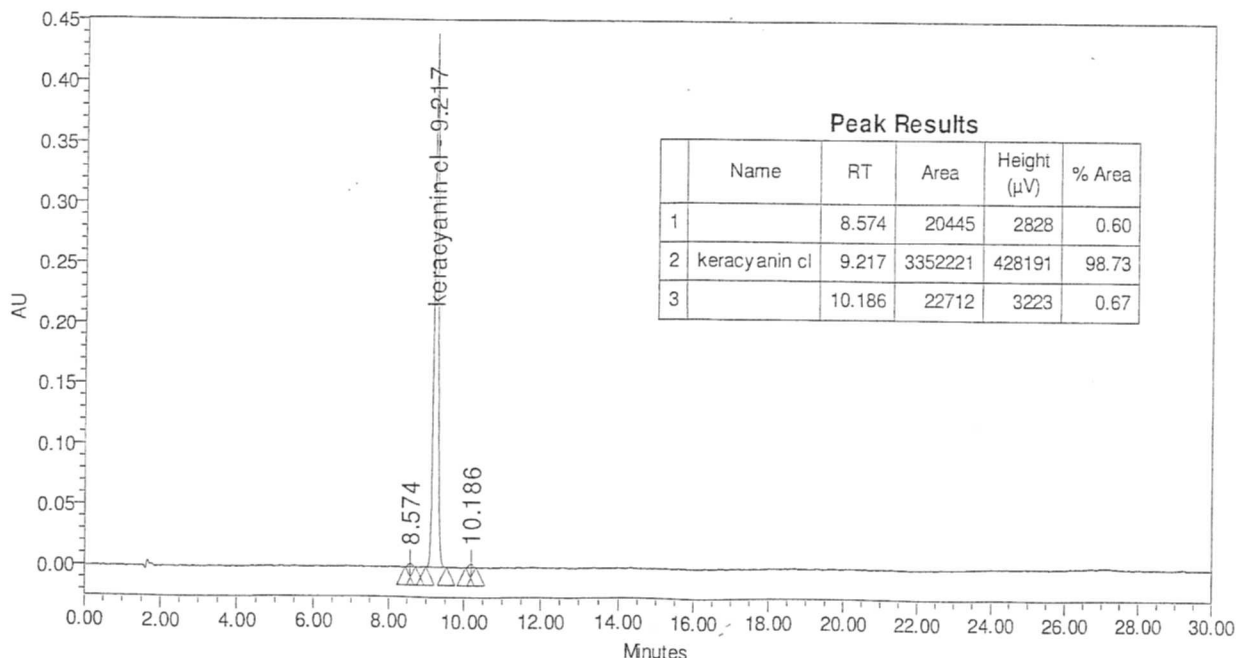
CAS number	[18719-76-1]
Chemical family	Anthocyanins
Chemicals name	Cyanidin-3-O-rutinoside chloride
Molecular formula	C ₂₇ H ₃₁ O ₁₅ Cl
Molecular weight	630.98

CERTIFICATE OF ANALYSIS

Appearance	Powder
Thin layer chromatography	Support Silicagel
	Solvent Ethyl acetate / formic acid / water (10/3/2, 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/min
Detector	UV visible 520 nm
Sample solvent	Methanol + 0.1% HCl



Assay by an HPLC method.

Date of last QC-recheck : June 2012
Date of retest : June 2016

S. NUCCIO
Quality control

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