



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Building 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179

HPLC ANALYSIS

020931S MALVIDIN-3-O-GALACTOSIDE CHLORIDE Lot No.: 08102410

IDENTIFICATION

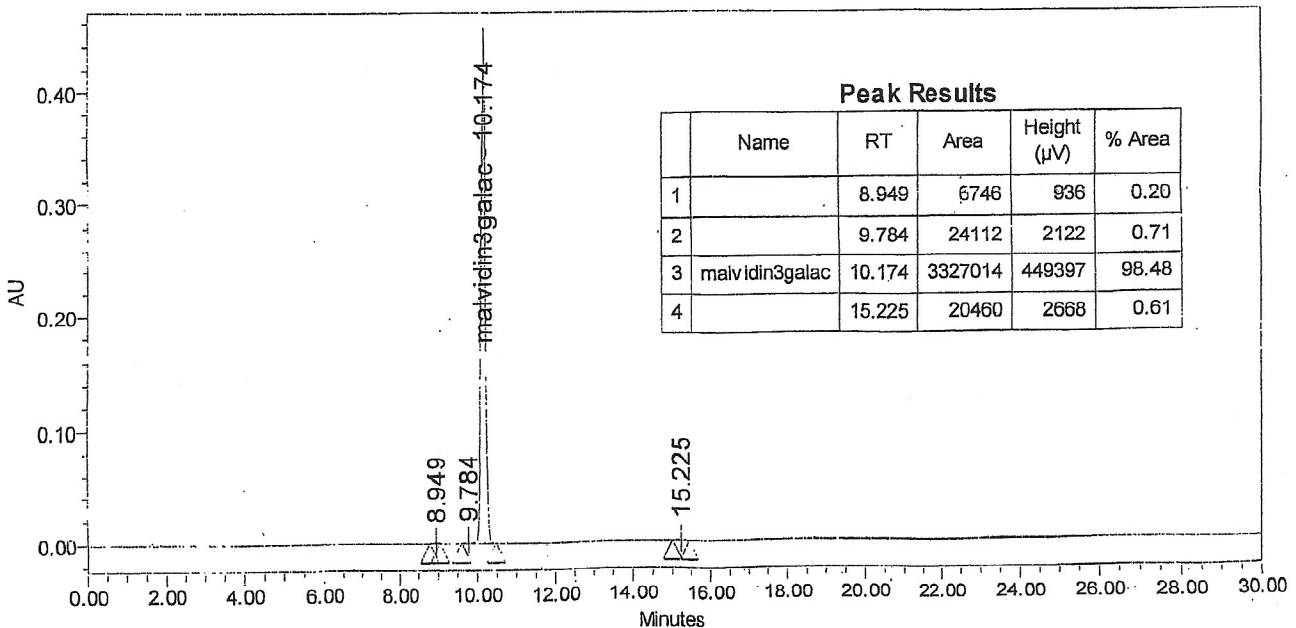
CAS number	[30113-37-2]
Chemical family	Anthocyan
Molecular formula	C ₂₃ H ₂₅ O ₁₂ Cl
Molecular weight	528.5

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	539 nm in methanol + 0.1% HCl
Storage	Store at <-15°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/min
Detector	UV visible 525 nm
Sample solvent	Methanol + 0.1% HCl



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