



INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

020931S

MALVIDIN-3-GALACTOSIDE CHLORIDE

Lot No.: 07062108

IDENTIFICATION

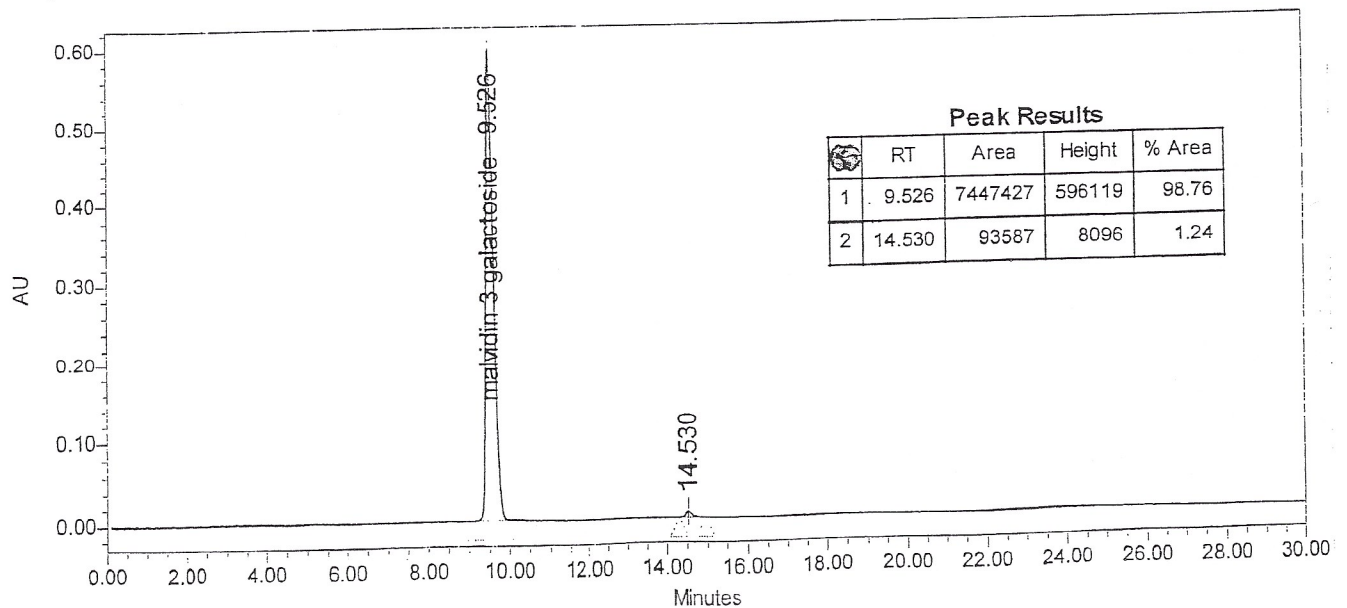
CAS number [30113-37-2]
Chemical family Anthocyan
Molecular formula $C_{23}H_{25}O_{12}Cl$
Molecular weight 528.5

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 538.5 nm in methanol + 0.1% HCl
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/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.

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Ramesh Mandadi
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