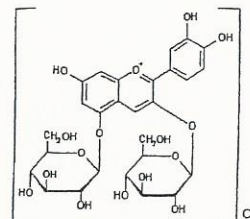


**INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Building 30

Hillsborough, NJ 08844 USA

Phone: (908) 359-6778; Fax: (908) 359-1179

**HPLC****Batch: 05****CYANIN CHLORIDE****020932S****IDENTIFICATION**

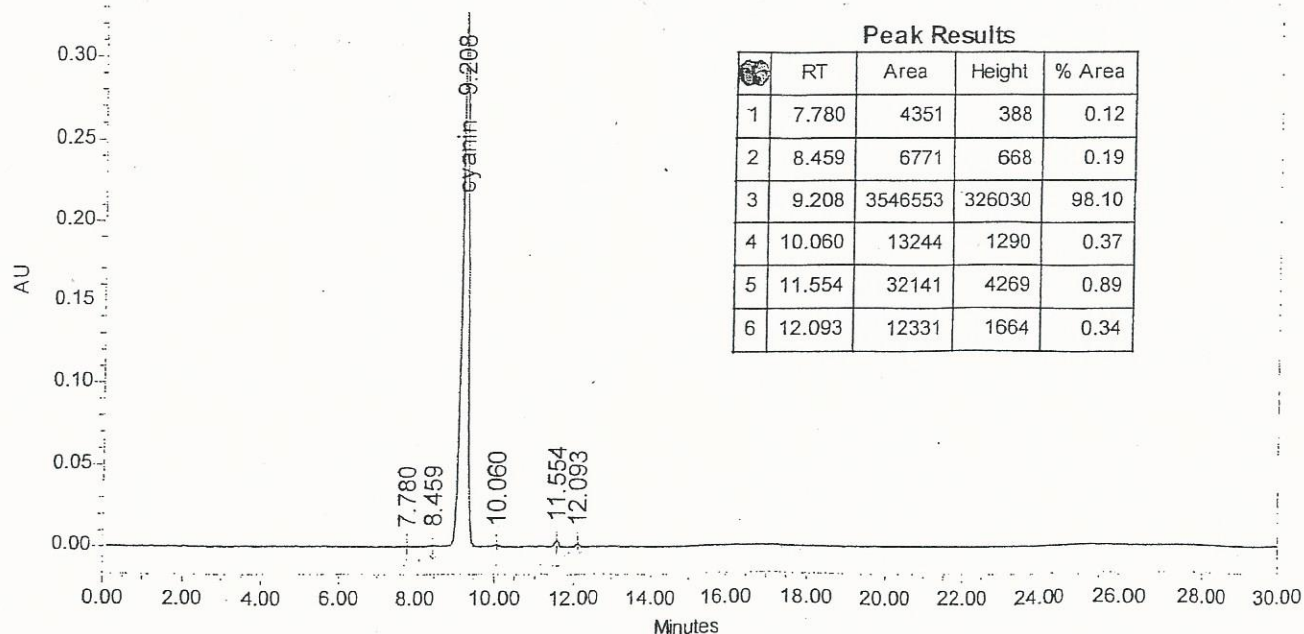
CAS number	[2611-67-8]
Chemical family	Anthocyanins
Chemical names	Cyanidin-3,5-diglucoside chloride
Molecular formula	$C_{27}H_{31}O_{16}Cl$
Molecular weight	646.99

CERTIFICATE OF ANALYSIS

Appearance	Powder
Thin layer chromatography	support Cellulose
	solvent Hydrochloric acid / acetic acid / water (7/70/23, V/V/V)
	detection Visible
Absorption maxima	525.5 nm in methanol + HCl 0.1%
Storage	Store at $-20^{\circ}C$ in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Atlantis dC18® (4.6 x 150 mm), particle size 3 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 515 nm
Sample solvent	Methanol + 0.1% HCl



Product not certified. Assay by an HPLC method.

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