



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

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CERTIFICATE OF ANALYSIS

Catalog Number: 020915S

Product Name: **KUROMANIN CHLORIDE with HPLC**
(Cyanidin-3-O-glucoside chloride, Chrysanthemin)

Cas Number: [7084-24-4]

Lot Number: 2506181

Chemical Formula: $C_{21}H_{21}O_{11}Cl$

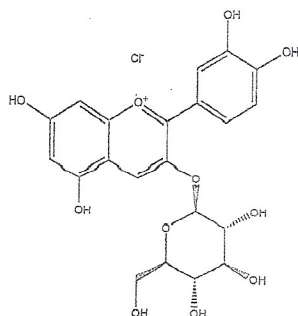
Molecular Weight: 484.84

Appearance: Dark red powder

Water Content: 2.3%

Storage: Store at -20°C in a dry, dark place. Protect from light.

Purity(HPLC): 98.3%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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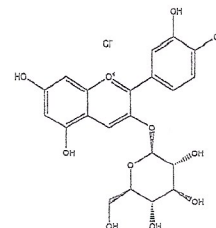
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HPLC ANALYSIS

Catalog No.: 020915S
Product Name: Kuromanin chloride
Lot No.: 2506181

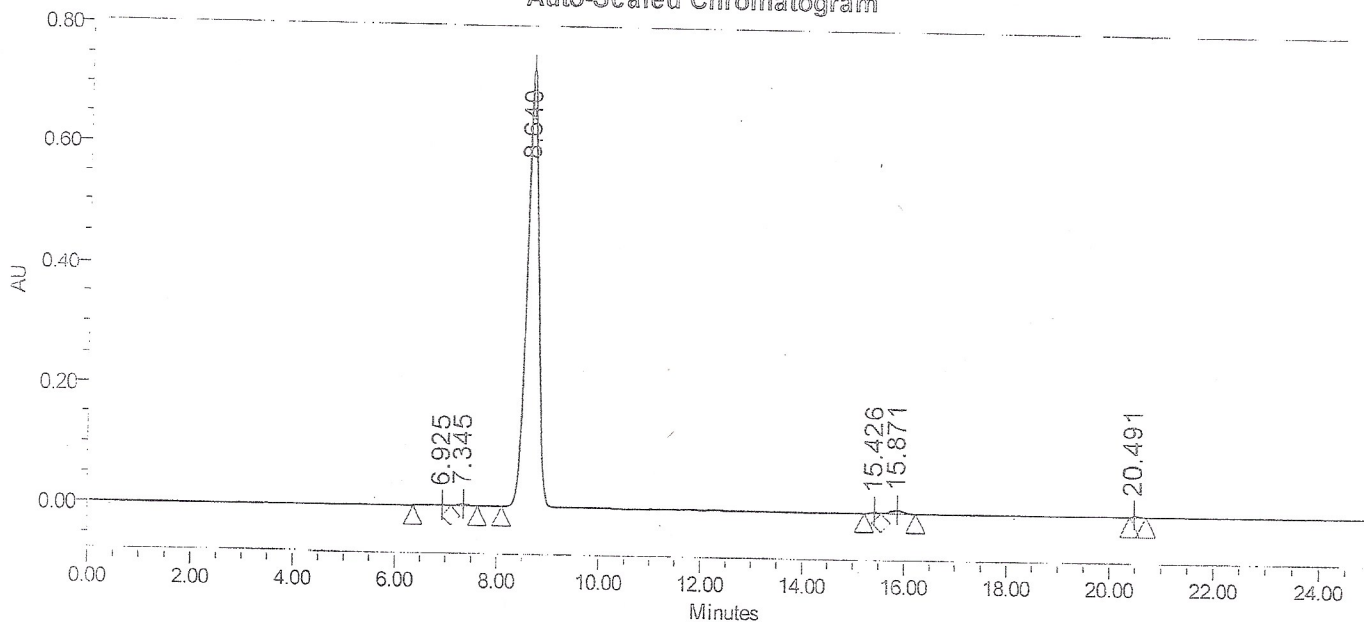


SAMPLE INFORMATION

Sample Name: Cyanidin-3-glucoside chloride
Sample Type: Unknown
Vial: 85
Injection #: 1
Injection Volume: 5.00 ul
Run Time: 25.0 Minutes

Acquired By:
Sample Set Name
Acq. Method Set: Cyanidin 3 glucoside chloride
Processing Method: sample
Channel Name: PDA Ch2 520nm@4.8nm
Proc. Chnl. Descr.: PDA Ch2 520nm@4.8nm

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
1		6.925	25046	0.21	1349	2564.36	
2		7.345	44773	0.38	2961	5206.89	0.92
3		8.640	11710571	98.28	730157	6548.83	3.03
4		15.426	17910	0.15	2093	74010.33	19.88
5		15.871	101169	0.85	5366	16211.44	1.19
6		20.491	15601	0.13	3271	482736.00	14.84