



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

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CERTIFICATE OF ANALYSIS

Catalog Number: 020915S

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

Cas Number: [7084-24-4]

Lot Number: 2409981

Chemical Formula: C₂₁H₂₁O₁₁Cl

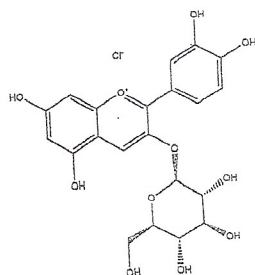
Molecular Weight: 484.84

Appearance: Brown powder

Water Content: 1.5%

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

Purity(HPLC): 98.8%



Prepared by:

Ramesh Mandadi

Ramesh Mandadi
Director of Operations

Reviewed and Approved by:

Sujata Moton

Sujata Moton
VP



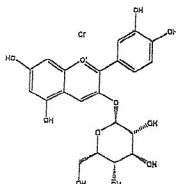
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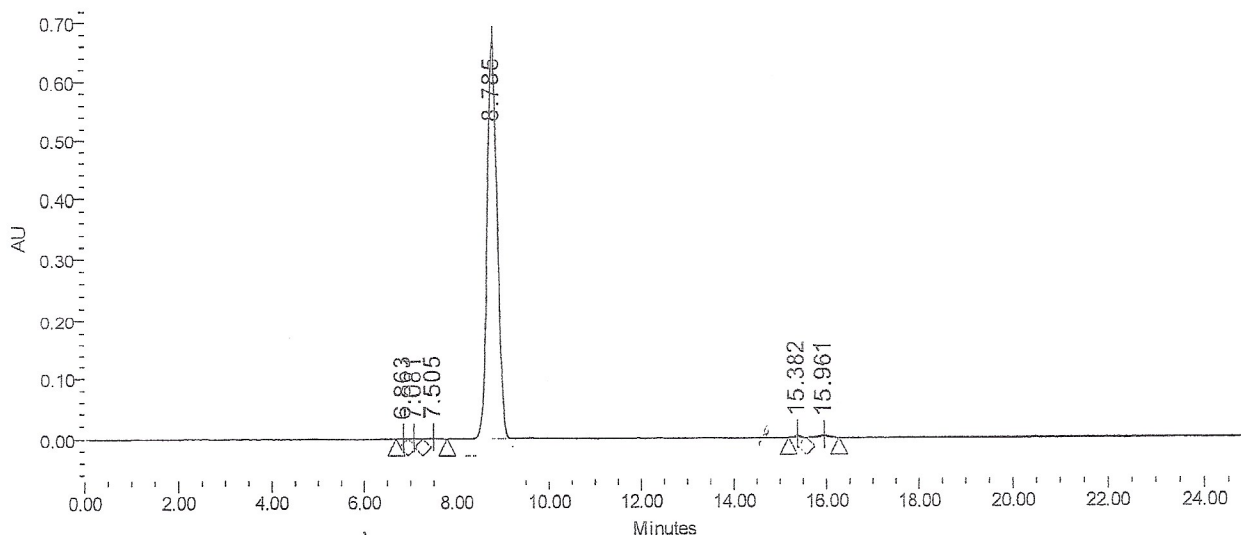
HPLC ANALYSIS

Catalog No.: 020915S
Product Name: Kuromanin chloride
Lot No.: 2409981

SAMPLE INFORMATION

Sample Name:	Cyanidin 3 glucoside chloride	Acquired By:	
Sample Type:	Unknown	Sample Set Name	
Vial:	62	Acq. Method Set:	Cyanidin 3 glucoside chloride
Injection #:	1	Processing Method	sample
Injection Volume:	10.00 ul	Channel Name:	PDA Ch2 520nm@4.8nm
Run Time:	25.0 Minutes	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	6.863	7787	0.08	1043	16162.20	
2	7.081	11011	0.11	870	5313.19	
3	7.505	20705	0.20	1492	6302.88	
4	8.785	9979714	98.76	671243	7867.07	3.25
5	15.382	30760	0.30	3952	91933.83	21.56
6	15.961	54712	0.54	3223	19931.09	1.75

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