



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, Chrysanthemin)

Cas Number: [7084-24-4]

Lot Number: 2007444

Chemical Formula: C₂₁H₂₁O₁₁Cl

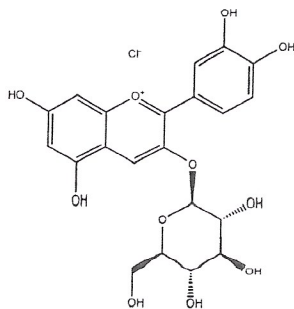
Molecular Weight: 484.84

Appearance: Purple powder

Water Content: 2.46%

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

Purity(HPLC): 98.10%



Prepared by:

Ramesh Mandadi

Ramesh Mandadi

Director of Operations

Reviewed and approved by:

Sujata Moton

S. Moton

VP



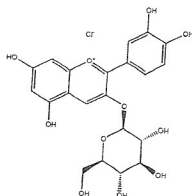
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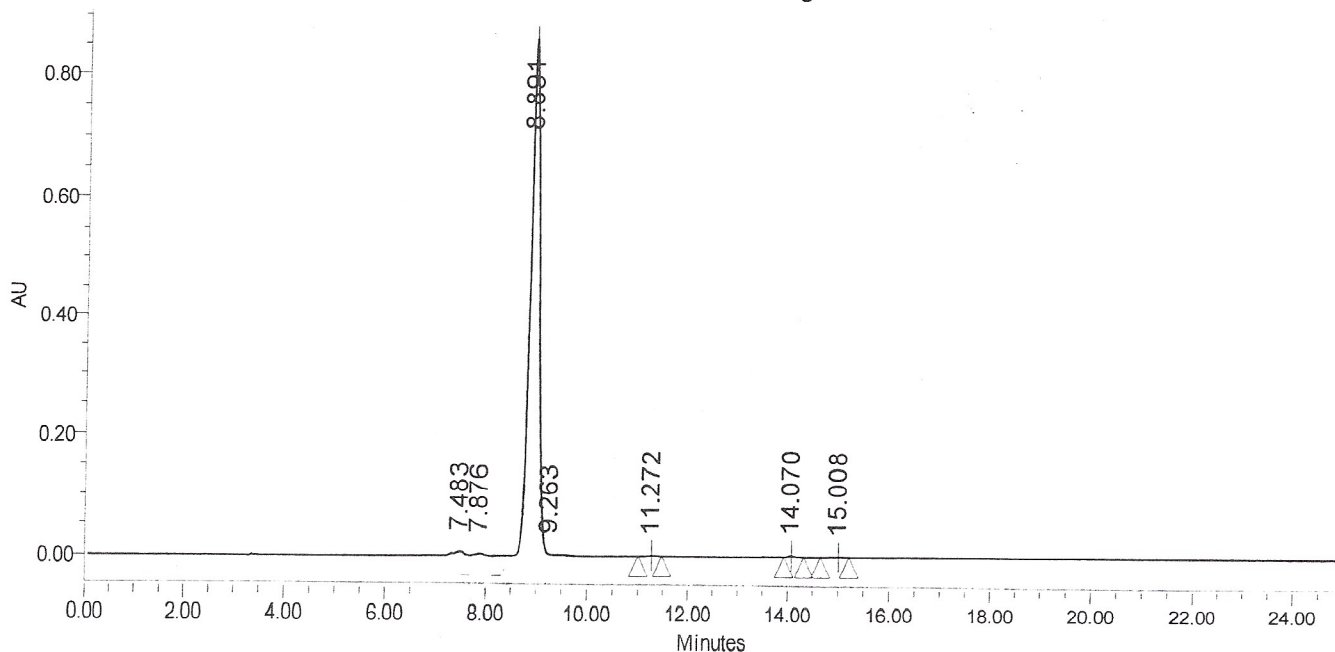
HPLC ANALYSIS

Catalog No.: 020915S
Product Name: Kuromanin chloride
Lot No.: 2007444

SAMPLE INFORMATION

Sample Name:	Cyanidin 3 glucoside chloride	Acquired By:	PRF01
Sample Type:	Unknown	Sample Set Name	
Vial:	14	Acq. Method Set:	Cyanidin 3 glucoside chloride
Injection #:	1	Processing Method	sample
Injection Volume:	15.00 ul	Channel Name:	PDA Ch1 520nm@4.8nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA Ch1 520nm@4.8nm

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
1		7.483	85589	0.79	6141	6426.35	
2		7.876	34949	0.32	3324	11782.95	0.79
3		8.891	10674192	98.10	863151	11719.72	3.26
4		9.263	38382	0.35	2640		1.11
5		11.272	16031	0.15	1233	16303.09	5.73
6		14.070	22314	0.21	3043	88706.44	10.01
7		15.008	9537	0.09	740	32091.13	3.30