



# INDOFINE Chemical Company, Inc.

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

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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: 1804932

Chemical Formula: C<sub>21</sub>H<sub>21</sub>O<sub>11</sub>Cl

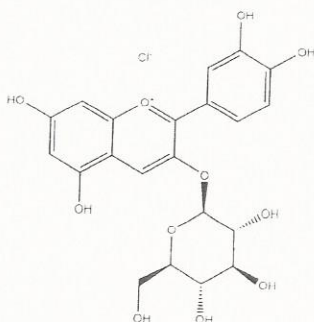
Molecular Weight: 484.84

Appearance: Purple black powder

Loss on drying: 1.2%

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

Purity(HPLC): 98.58%





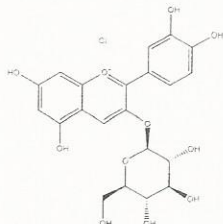
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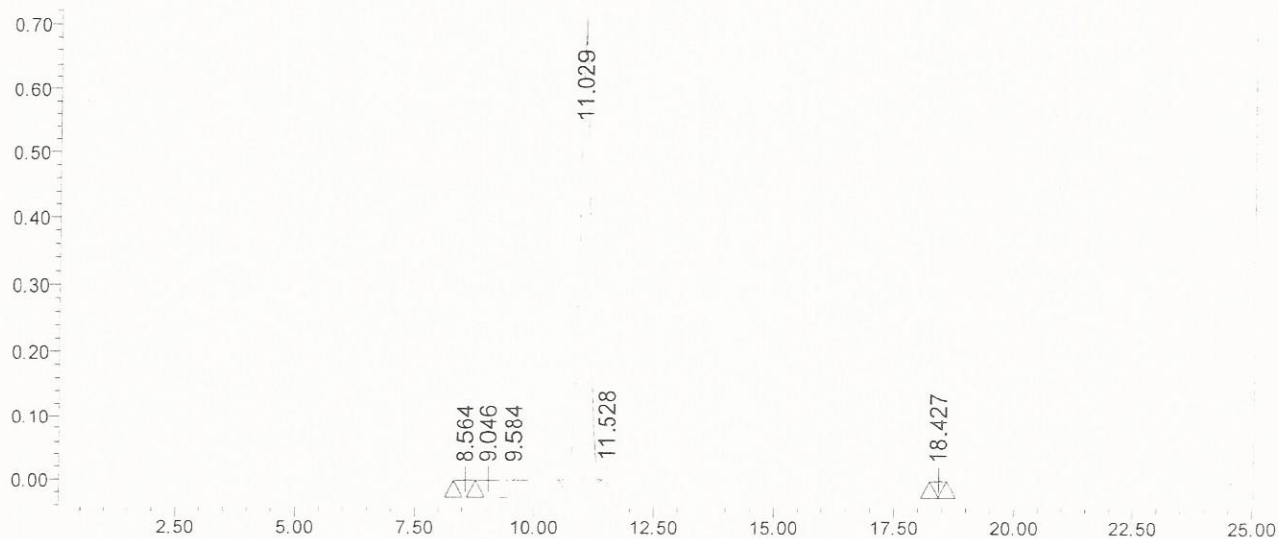
## HPLC ANALYSIS

Catalog No.: 020915S  
Product Name: Kuromanin chloride  
Lot No.: 1804932

### SAMPLE INFORMATION

Sample Name:	Cyanidin 3 glucoside chloride	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	101	Acq. Method Set:	Cyanidin 3 glucoside chloride
Injection #:	1	Processing Method:	sample
Injection Volume:	10.00 ul	Channel Name:	520.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 520.0 nm

### Auto-Scaled Chromatogram



### Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	8.564	13296	0.13	11030.20	
2	9.046	21980	0.21	22718.22	1.88
3	9.584	28937	0.28	4540.71	1.40
4	11.029	10327995	98.58	12285.22	3.06
5	11.528	69024	0.66		1.23
6	18.427	15228	0.15	105939.30	22.26