

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: 2002397

Chemical Formula: C₂₁H₂₁O₁₁Cl

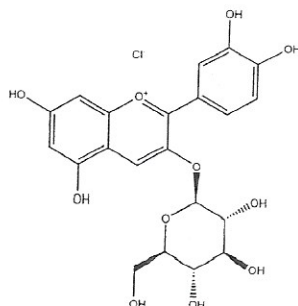
Molecular Weight: 484.84

Appearance: Black powder

Water Content: 0.14%

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

Purity(HPLC): 98.87%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



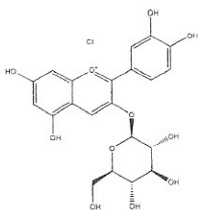
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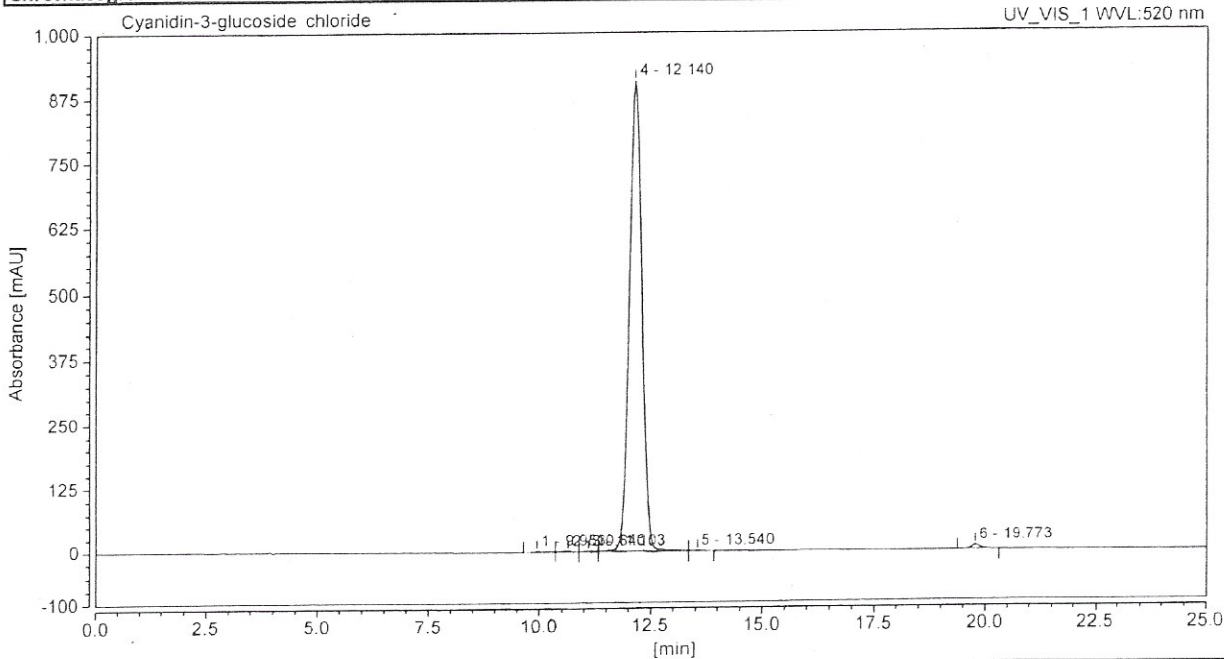


HPLC ANALYSIS

Catalog No.: 020915
Product Name: Kuromanin chloride
Lot No.: 2002397

Injection Details		
Injection Name:	Cyanidin-3-glucoside chloride	Run Time (min): 25.00
Vial Number:	RB3	Injection Volume: 10.00
Injection Type:		Channel: UV_VIS_1
Calibration Level:		Wavelength: 520.0
Instrument Method:	Cyanidin-3-glucoside chloride	Bandwidth: 8
Processing Method:	Cyanidin-3-glucoside chloride	Dilution Factor: 1.0000
		Sample Weight: 1.0000

Chromatogram



Integration Results							
No	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Plates (USP)	Resolution (USP)	Asymmetry
1	9.953	0.441	1.822	0.15	24891	1.65	n.a.
2	10.640	0.340	0.982	0.12	5366	0.70	n.a.
3	11.103	0.188	0.619	0.06	3495	1.65	n.a.
4	12.140	289.631	909.925	98.87	9299	1.92	1.05
5	13.540	0.224	0.723	0.08	3201	9.67	n.a.
6	19.773	2.103	8.667	0.72	56711	n.a.	1.43
Total:		292.928	922.737	100.00	102963.00		

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