

ICC **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: 06-217

Product Name: **ALOIN (mixture of A&B)**
(Barbaloin;Socaloin;Jafaloin;Cafaloin)

CAS Number: [8015-61-0]

Lot Number: 10072443

Chemical Formula: C₂₁H₂₂O₉

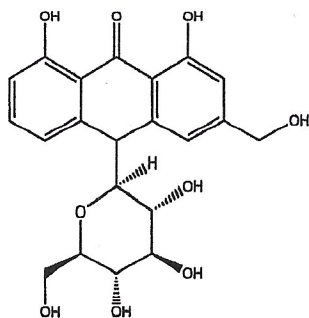
Molecular Weight: 418.39

Appearance: Yellow powder

Loss on Drying: 1.2%

Storage: Store in a cool, dry place

Purity(HPLC): 98.72%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP

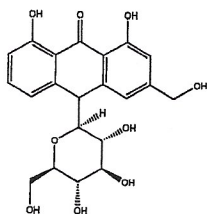
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HPLC ANALYSIS

Catalog No.: 06-217

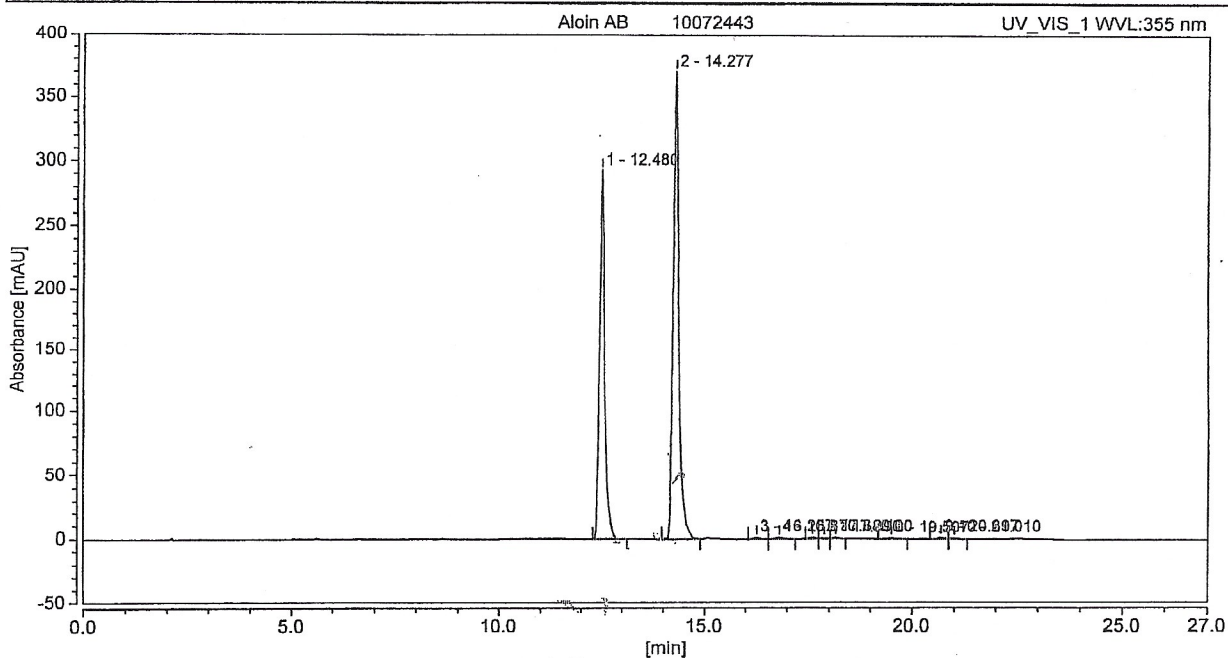
Product Name: Aloin (mixture of A&B)

Lot No.: 10072443

Injection Details

Injection Name:	Aloin AB	10072443	Run Time (min):	27.00
Vial Number:	RC1		Injection Volume:	10.00
Injection Type:			Channel:	UV_VIS_1
Calibration Level:			Wavelength:	355.0
Instrument Method:	Aloin AB		Bandwidth:	8
Processing Method:	Aloin AB		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	12.480	43.590	292.946	41.95	51289	7.90	1.56
2	14.277	58.988	370.367	56.77	59311	8.59	1.58
3	16.267	0.184	1.200	0.17	81025	2.02	1.32
4	16.810	0.241	1.143	0.23	47582	2.98	1.22
5	17.610	0.174	1.235	0.17	94822	1.17	n.a.
6	17.890	0.115	0.732	0.11	81428	1.16	n.a.
7	18.160	0.150	1.104	0.14	115031	4.61	1.22
8	19.507	0.124	0.428	0.12	44369	4.08	1.05
9	20.697	0.188	1.251	0.18	150690	1.31	n.a.
10	21.010	0.149	0.842	0.14	100868	n.a.	n.a.
Total:		103.901	671.247	100.00	826415.00		

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