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Certificate of Analysis

Product Name: Aloin(mixture of A&B)

Other Name:

Catalogue No.: BP0151

Batch No.: PRF15101421

Report Date: 2015-10-14

CAS Number: 8015-61-0

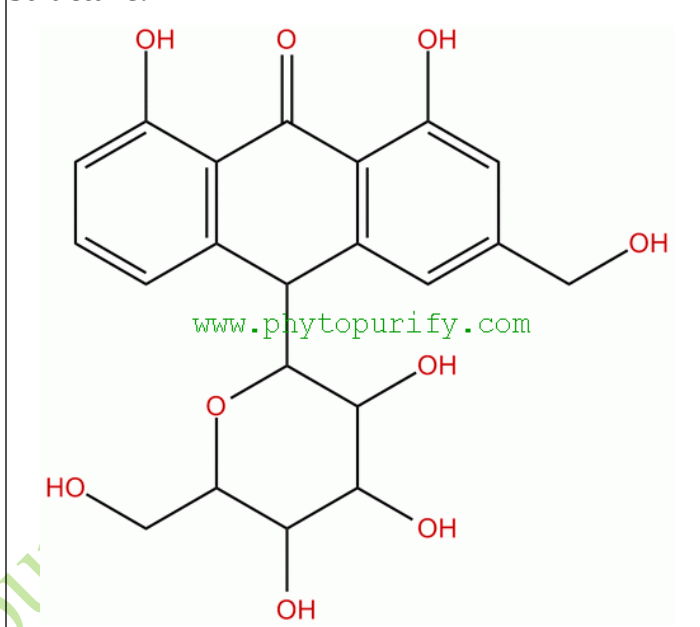
Mol. Formula: C₂₁H₂₂O₉

Mol. Weight: 418.398

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Pale yellow powder	Pale yellow powder
Loss on drying	<3.0%	1.1 %
Purity	≥98.0%	98.4%

* Please find HPLC chromatography attached.

Package: Brown vial or HDPE Plastic Bottle

Storage: Cool and Dry place, protected from light, keep package airproofed when not in use.

Expiration: two years (2017-10-13) under conditions list above.

QC: *Meng Pan*

Date: 2015-10-14

QA: *Lianglei Zhang*

Date: 2015-10-14

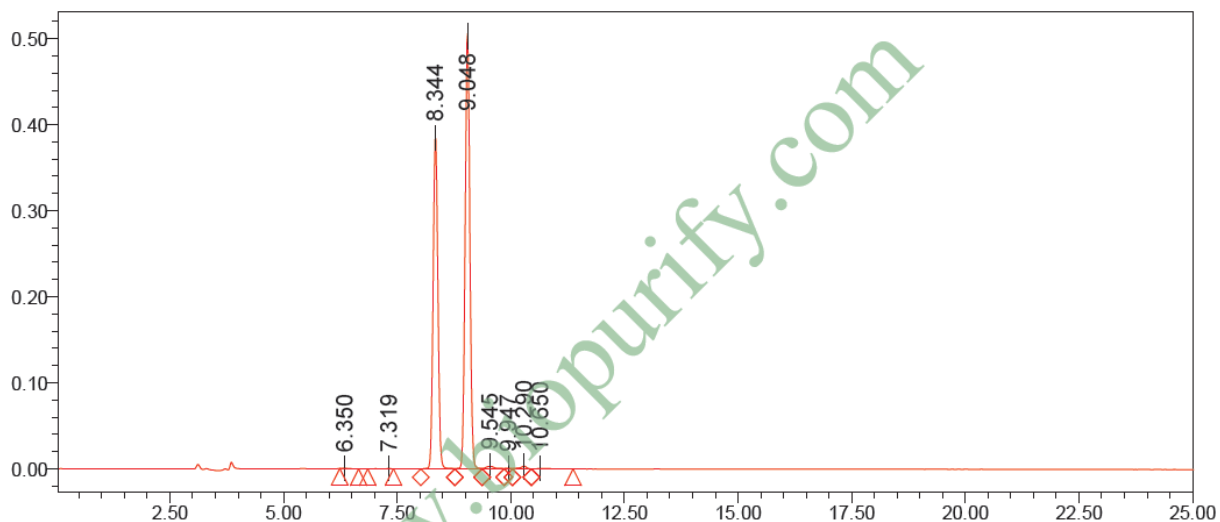


Chengdu Biopurify Phytochemicals Ltd.

SAMPLE INFORMATION

Sample Name:	Aloin AB PRF15101421	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:A,1	Acq. Method Set:	Aloin A
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	355.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 355.0 nm
Date Acquired:	2015-10-14 13:51:00 CST		
Date Processed:	2015-10-14 14:48:39 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	6.350	3340	0.05	18732.26	
2	7.319	3409	0.05	3717.97	2.71
3	8.344	2811141	42.50	30604.73	2.92
4	9.048	3703268	55.99	34958.48	3.61
5	9.545	41363	0.63	15851.43	1.96
6	9.947	6926	0.10	15271.72	
7	10.290	32302	0.49	30067.41	
8	10.650	12102	0.18	1242.00	0.92