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Certificate of Analysis

Product Name: Aloe-emodin-8-O-beta-D-glucopyranoside

Other Name: Rhabarberone

Catalogue No.: BP0147

Batch No.: 13101408

Report date: 2013-10-14

CAS Number: 33037-46-6

Mol. Formula: C₂₁H₂₀O₁₀

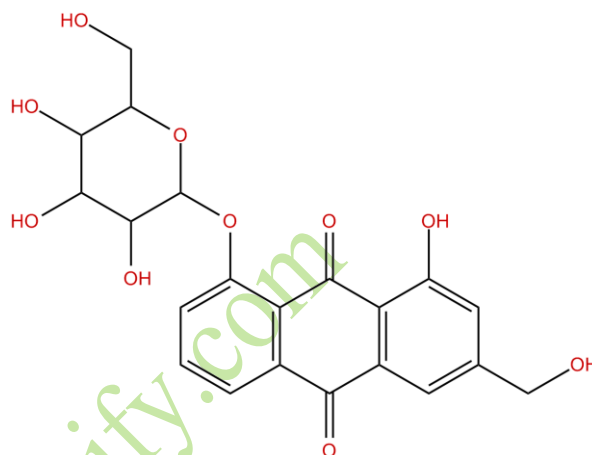
Mol. Weight: 432.381

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Yellow powder	Yellow powder
Loss on drying	<3.0%	1.5 %
Purity (HPLC, 258nm)*	≥98.0%	98.61%

* 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 (2015-10-14) under conditions list above.

QC: *Meng Pan*

Date: 2013-10-14

QA: *Lianglei Zhang*

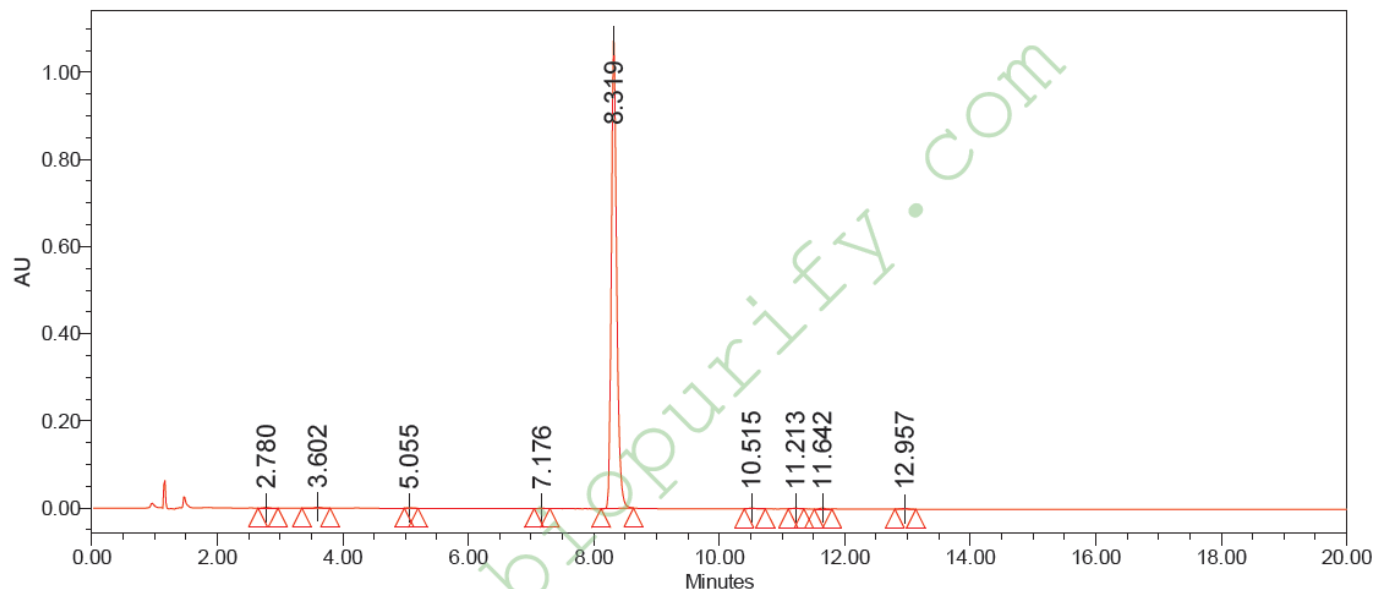
Date: 2013-10-14



SAMPLE INFORMATION

Sample Name:	Aloe emodin 8 glucosid 13101408	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:B,7	Acq. Method Set:	Aloe emodin 8 glucoside
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	258.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 258.0 nm
Date Acquired:	2013-10-14 13:41:19 CST		
Date Processed:	2013-10-14 14:08:13 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		2.780	8241	0.13	5624.09	
2		3.602	15231	0.24	7209.39	5.29
3		5.055	7206	0.11	15163.59	9.02
4		7.176	5967	0.09	31479.02	12.77
5		8.319	6324172	98.61	47635.88	6.98
6		10.515	14669	0.23	69000.90	13.83
7		11.213	12604	0.20	70239.81	4.20
8		11.642	13192	0.21	76239.01	2.53
9		12.957	12235	0.19	55456.86	6.74