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Certificate of Analysis

Product Name: 8-O-Acetyl shanzhiside methyl ester

Other Name:

Catalogue No.: BP0110

Batch No.: PRF15112523

Reported Date: 2015-11-20

CAS Number: 57420-46-9

Mol. Formula: C₁₉H₂₈O₁₂

Mol. Weight: 448.421

Botanical Source: Barleria prionitis

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	white powder	white powder
Loss on drying	<3.0%	2.0%
Purity (HPLC, 236nm)*	≥98.0%	99.56%

* 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 (2017-11-24) under conditions list above.

QC: *Meng Pan*

Date: 2015-11-25

QA: *Lianglei Zhang*

Date: 2015-11-25

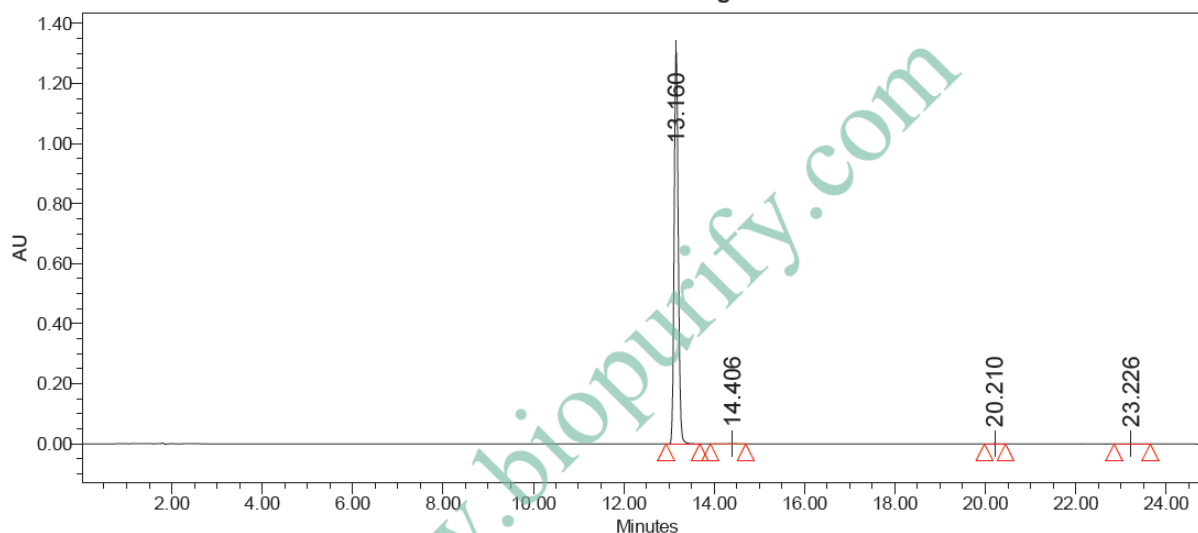


Chengdu Biopurify Phytochemicals Ltd.

SAMPLE INFORMATION

Sample Name:	Barlerin PRF15112523	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	25	Acq. Method Set:	Barlerin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	236.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 236.0 nm
Date Acquired:	2015-11-25 15:03:25 CST		
Date Processed:	2015-11-25 15:46:15 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		13.160	8283585	99.56	98236.74	
2		14.406	14100	0.17	9075.33	3.30
3		20.210	9527	0.11	88848.51	13.47
4		23.226	12711	0.15	34653.57	7.66