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Certificate of Analysis

Product Name: Epimedin A

Other Name:

Catalogue No.: BP0544

Batch No.: 15042107

Report date 2015-04-21

CAS Number: 110623-72-8

Mol. Formula: C₃₉H₅₀O₂₀

Mol. Weight: 838.809

Type of compound:

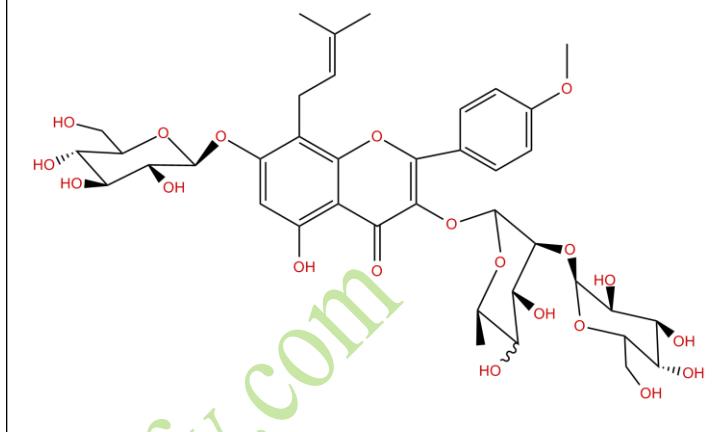
Botanical Source: Epimedium koreanum

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Analytical result:

Structure:



Test	Specification	Results
Appearance	Yellow powder	Yellow powder
Loss on drying	<3.0%	1.5%
Purity (HPLC,270nm) *	≥97.0%	97.10%

* 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 (2017-04-20) under conditions list above.

QC: *Meng Pan*

Date: 2015-04-21

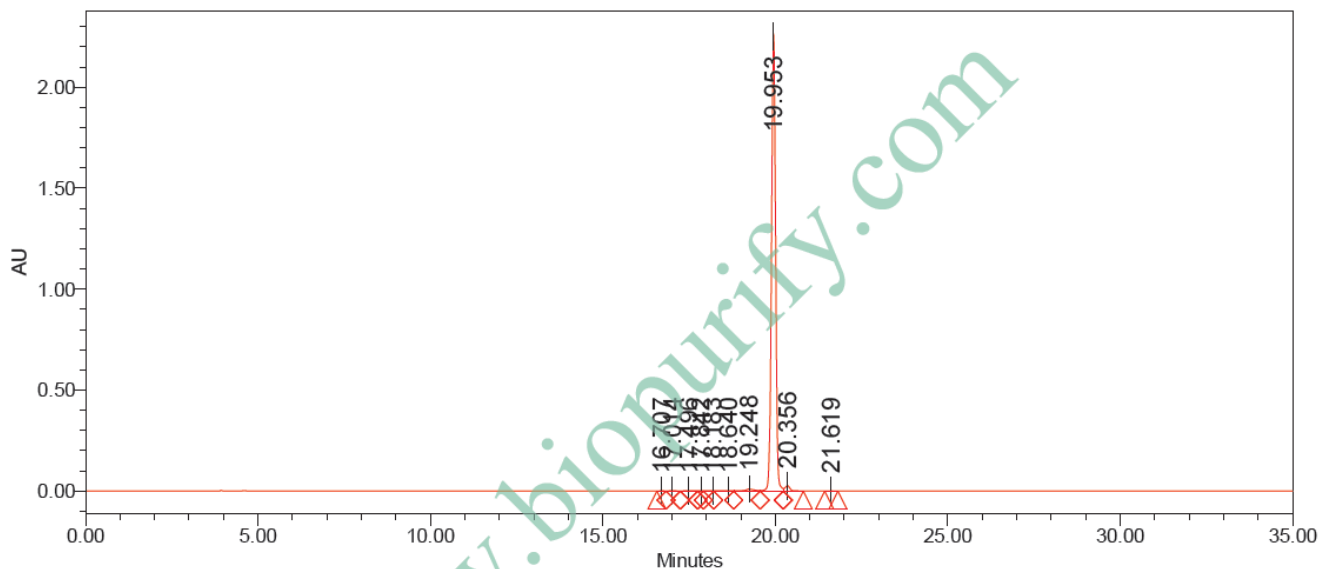
QA: *Jinhui Yang*

Date: 2015-04-21

SAMPLE INFORMATION

Sample Name:	Epimedin A 15042107	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	26	Acq. Method Set:	Epimedin A
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	270.0nm
Run Time:	35.0 Minutes	Proc. Chnl. Descr.:	PDA 270.0 nm
Date Acquired: 2015-4-21 12:57:27 CST			
Date Processed: 2015-4-21 15:29:50 CST			

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		16.707	4032	0.02	69663.12	
2		17.014	10117	0.05	62285.85	1.14
3		17.496	23798	0.12	54184.00	1.61
4		17.842	3129	0.02		1.10
5		18.183	7502	0.04		
6		18.640	43521	0.23		
7		19.248	194919	1.02	14464.46	
8		19.953	18581819	97.10	137087.43	1.83
9		20.356	262851	1.37	81968.20	1.85
10		21.619	4923	0.03	138069.87	5.45