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Certificate of Analysis

Product Name: Polygalasaponin XXXI

Other Name:

Catalogue No.: BP1755

Batch No.: 14121810

Reported Date: 2014-12-18

CAS Number: 79103-90-5

Mol. Formula: $C_{75}H_{112}O_{36}$

Mol. Weight: 1589.67

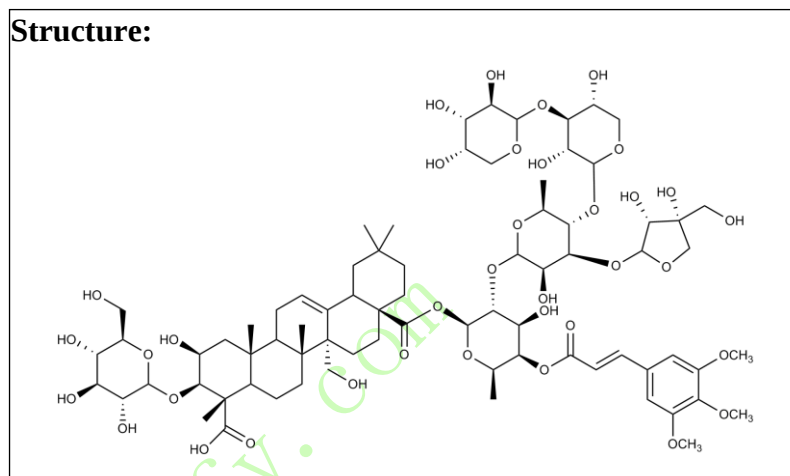
Botanical Source:

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%	1.4%
Purity (HPLC, 310nm)*	≥97.0%	97.08%

* 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 (2016-12-17) under conditions list above.

QC: Meng Pan

Date: 2014-12-18

QA:

Jinhui Yang

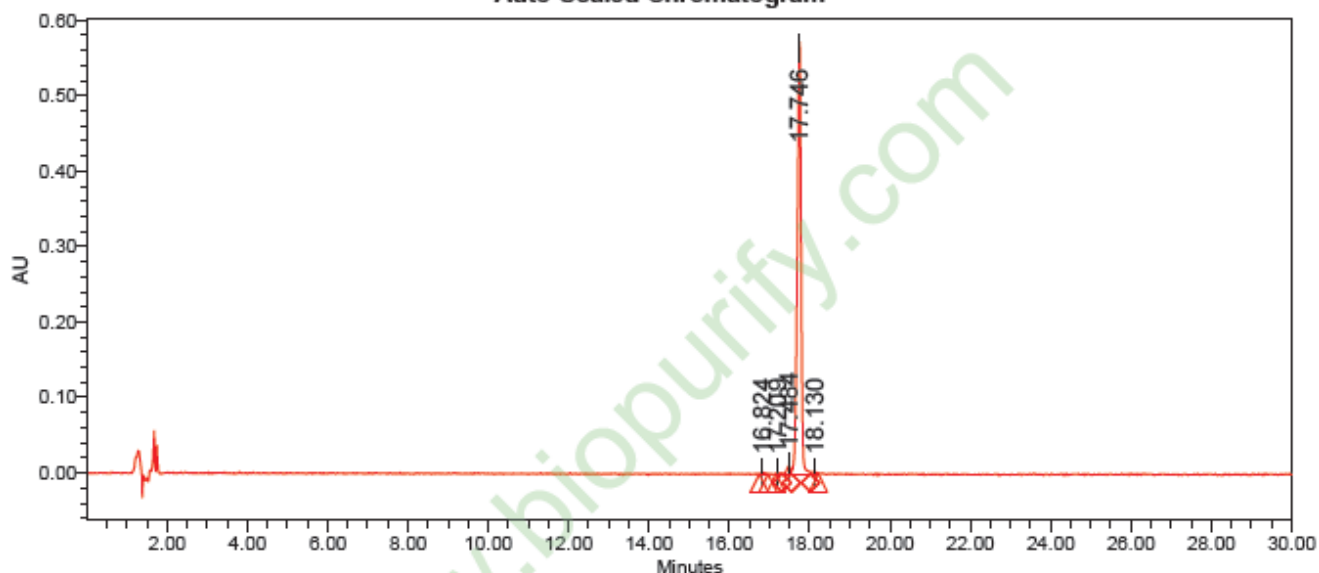
Date: 2014-12-18



SAMPLE INFORMATION

Sample Name:	Polygalasaponin XXXI 14121810	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:D,8	Acq. Method Set:	Polygalasaponin XXXI
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	310.0nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA 310.0 nm
Date Acquired:	2014-12-18 15:32:22 CST		
Date Processed:	2014-12-18 16:19:47 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		16.824	17188	0.45	56220.78	
2		17.209	7803	0.20	727786.81	2.16
3		17.484	65769	1.71	117476.59	3.45
4		17.746	3740544	97.08	163089.23	2.04
5		18.130	21582	0.56		2.17