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Certificate of Analysis

Product Name: Onjisaponin Z

Other Name:

Catalogue No.: BP1800

Batch No.: 14121809

Reported Date: 2014-12-18

CAS Number: 1078708-72-1

Mol. Formula: $C_{71}H_{106}O_{32}$

Mol. Weight: 1471.58

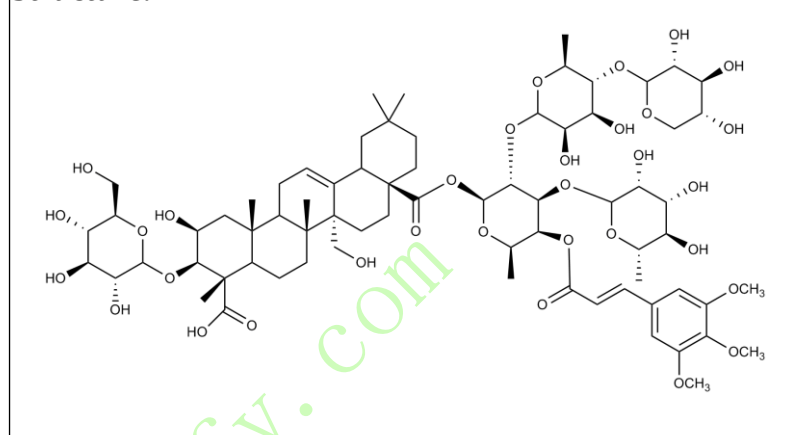
Botanical Source:

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%	1.3%
Purity (HPLC, 310nm)*	≥98.0%	98.12%

* 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:

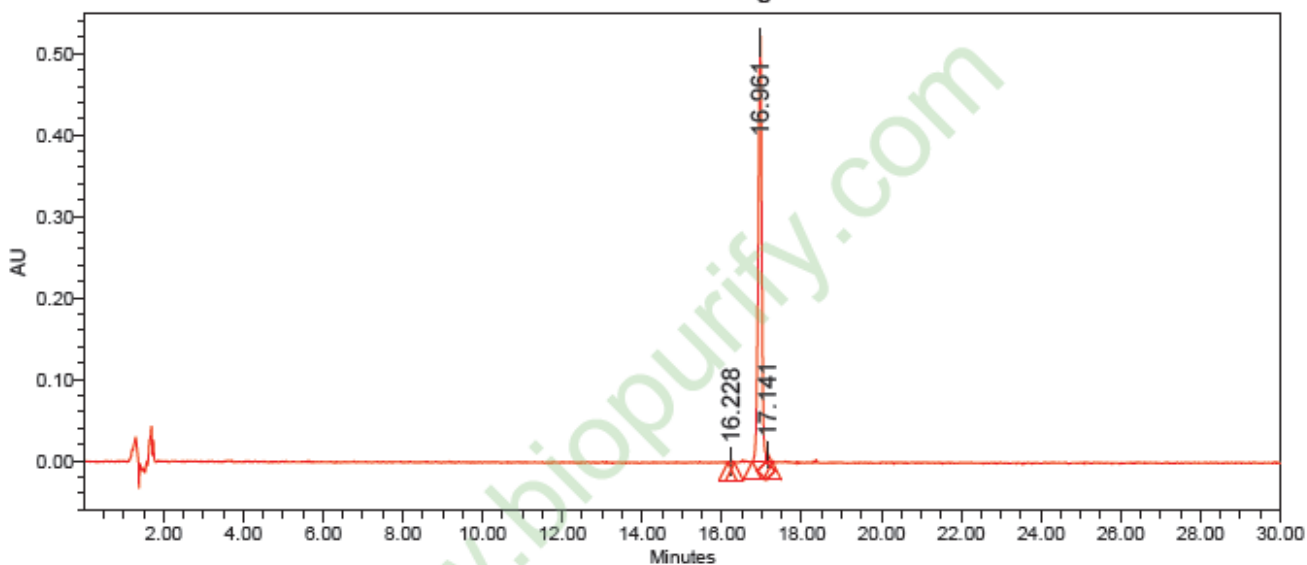
Date: 2014-12-18



SAMPLE INFORMATION

Sample Name:	Onjisaponin Z 14121809	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:D,7	Acq. Method Set:	Onjisaponin Z
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 14:51:54 CST		
Date Processed:	2014-12-18 16:55:28 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		16.228	15048	0.46	167090.34	
2		16.961	3236564	98.12	173522.39	3.48
3		17.141	46998	1.42		1.06