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## Certificate of Analysis

**Product Name: Ginsenoside F11**

**Other Name:**

**Catalogue No.:** BP0653

**Batch No.:** 14061604

**Report date:** 2014-06-16

**CAS Number:** 115038-42-1

**Mol. Formula:** C<sub>42</sub>H<sub>72</sub>O<sub>14</sub>

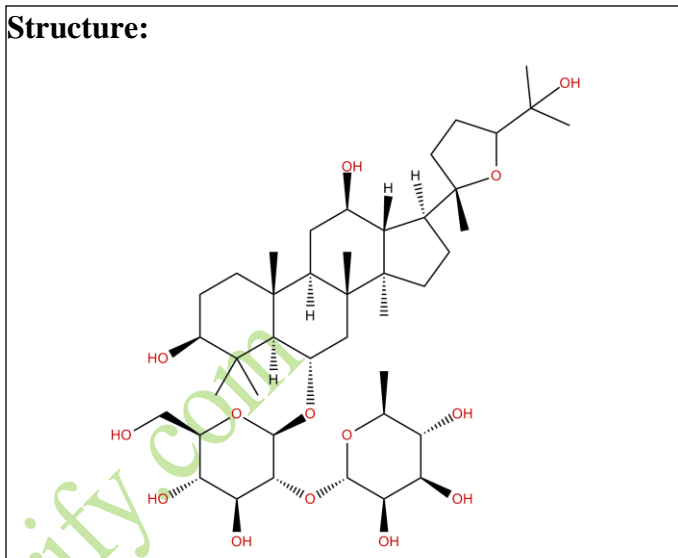
**Mol. Weight:** 801.013

**Type of compound:**

**Identification Method:** Mass, NMR

**Analysis Method of Purity:** HPLC-ELSD

**Structure:**



**Analytical result:**

Test	Specification	Results
Appearance	White powder	White powder
Loss on drying	<3.0%	1.1%
Purity (HPLC,ELSD)*	≥98.0%	99.85%

\* Please find HPLC chromatography attached.

**Package:** Brown vial or HDPE Plastic Bottle

**Storage:** Cool and Dry place, protected from light, keep package airtight when not in use.

**Expiration:** two years (2016-06-15) under conditions list above.

QC: *Meng Pan*

Date: 2014-06-16

QA: *Lianglei Zhang*

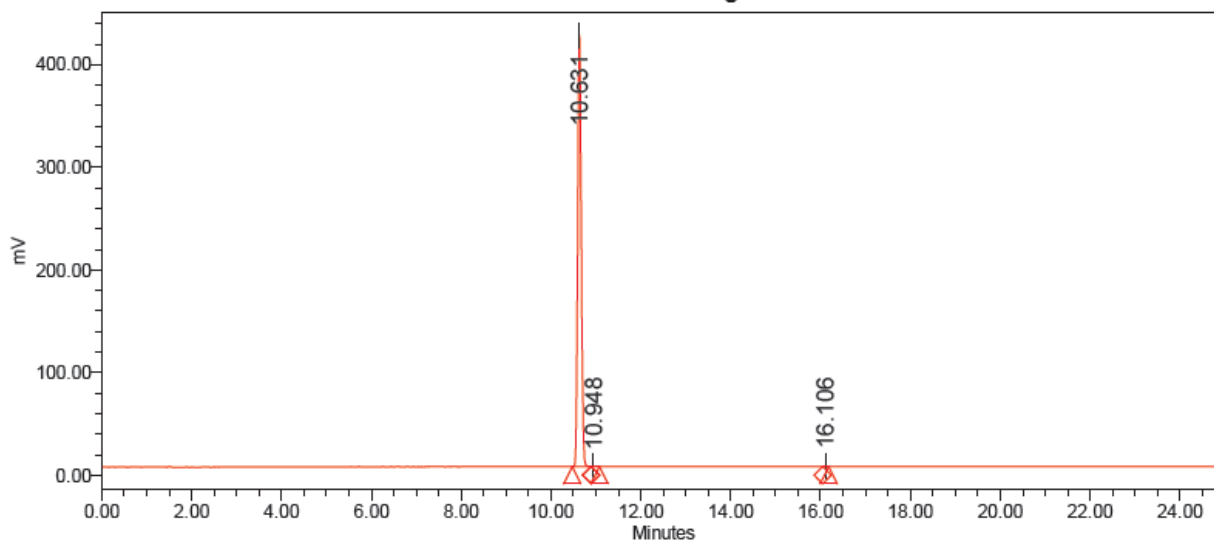
Date: 2014-06-16



SAMPLE INFORMATION

Sample Name:	Ginsenoside F11 14061604	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:E,3	Acq. Method Set:	Ginsenoside F11
Injection #:	1	Processing Method:	Samples1
Injection Volume:	10.00 ul	Channel Name:	SATIN
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	
Date Acquired:	2014-6-16 14:32:49 CST		
Date Processed:	2014-6-16 15:00:08 CST		

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	10.631	2306241	99.85	85509.45	
2	10.948	1090	0.05	74262.72	1.86
3	16.106	2390	0.10	1093148.68	40.44