



Add: No.11 Building, No. 388 Rongtaidadao CNSTP
Wenjiang Zone, Chengdu, Sichuan, 611130 China
TEL: 028-82633987 FAX: 028-82633165
E-mail: biopurify@gmail.com sales@biopurify.com
Web: www.biopurify.com

Certificate of Analysis

Product Name: Morellic acid

Other Name: Gambogic acid B

Catalogue No.: BP1702

Batch No.: 14011108

Report date: 2014-01-11

CAS Number: 5304-71-2

Mol. Formula: C₃₃H₃₆O₈

Mol. Weight: 560.634

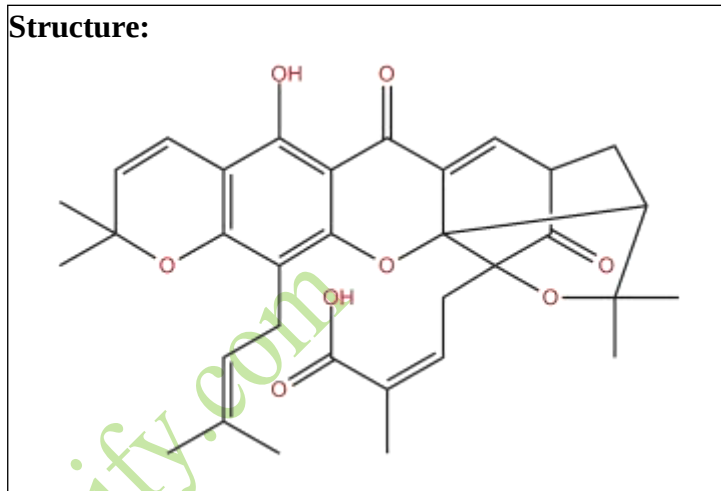
Botanical Source:

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC- DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Orange Powder	Orange Powder
Loss on drying	<3.0%	0.8 %
Purity (HPLC, 288nm)*	≥98.0%	99.24%

* 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 (2016-01-11) under conditions list above.

QC: *Meng Pan*

Date: 2014-01-11

QA: *Lianglei Zhang*

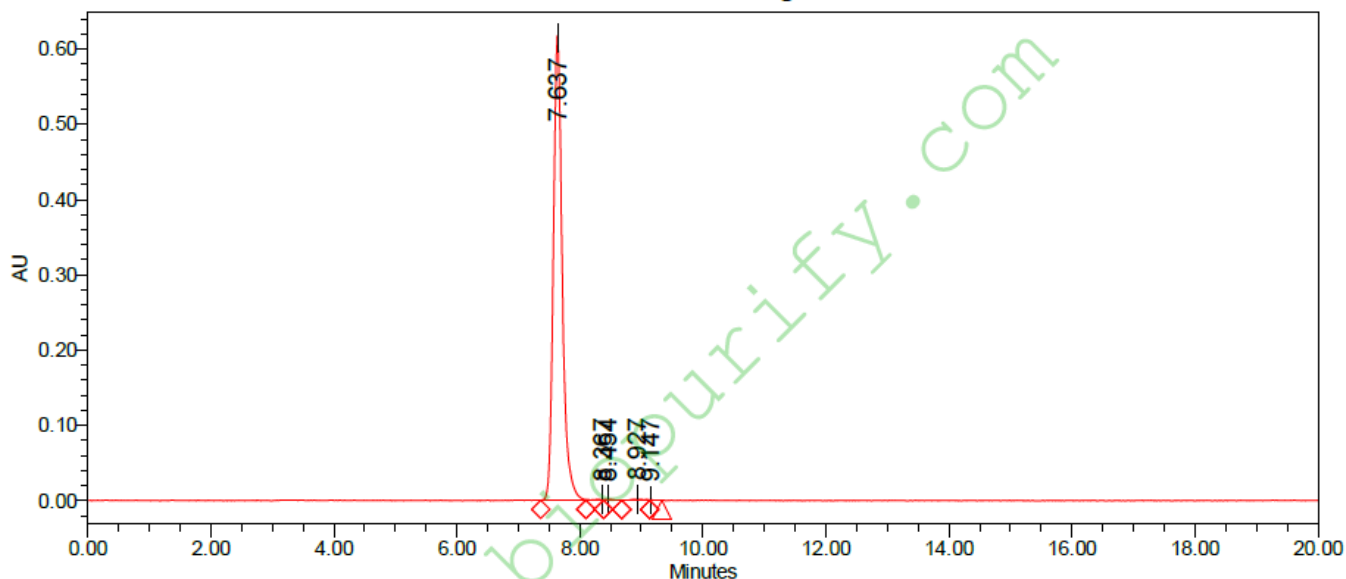
Date: 2014-01-11



SAMPLE INFORMATION

Sample Name:	Morellic acid 14011108	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:C,4	Acq. Method Set:	Morellic acid
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	288.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 288.0 nm
Date Acquired:	2014-1-11 15:15:25 CST		
Date Processed:	2014-1-11 15:40:18 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		7.637	6145905	99.24	14588.02	
2		8.367	11613	0.19		2.81
3		8.454	12154	0.20		
4		8.927	19522	0.32	5311.93	
5		9.147	3746	0.06		