



成都普瑞法科技开发有限公司
Chengdu Biopurify Phytochemicals Ltd.



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Certificate of Analysis

Product Name: Gambogic acid

Other Name: Guttic acid

Catalogue No.: BP0613

Batch No.: 14011008

Reported Date: 2014-01-10

CAS Number: 2752-65-0

Mol. Formula: C₃₈H₄₄O₈

Mol. Weight: 628.762

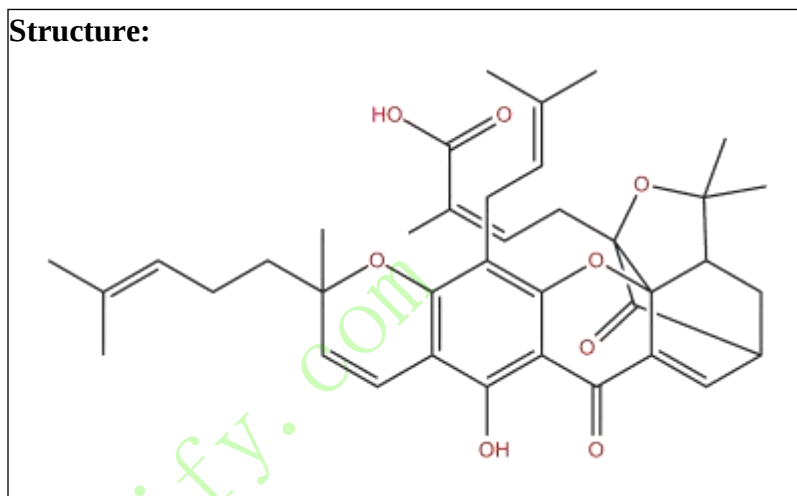
Botanical Source: Gamboge

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%	1.0%
Purity (HPLC, 232nm)*	≥98.0%	99.30%

* 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 (2016-01-10) under conditions list above.

QC: *Meng Pan*

Date: 2014-01-10

QA: *Lianglei Zhang*

Date: 2014-01-10

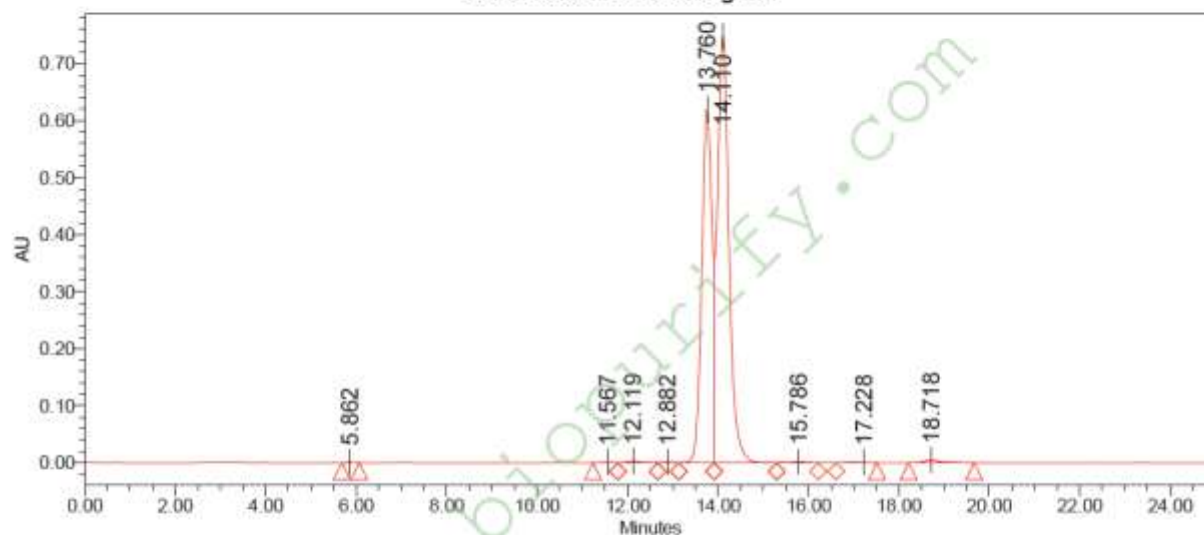


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SAMPLE INFORMATION

Sample Name:	Gambogic acid 14011008	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:B,8	Acq. Method Set:	Gambogic acid
Injection #:	2	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	290.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 290.0 nm
Date Acquired:	2014-1-10 14:37:04 CST		
Date Processed:	2014-1-10 15:31:55 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		5.862	9925	0.04	10504.12	
2		11.567	10388	0.04	10840.98	17.17
3		12.119	65301	0.28	9326.97	1.20
4		12.882	21798	0.09	4701.88	1.39
5		13.760	9688825	41.10		1.41
6		14.110	13554620	57.50	11427.14	
7		15.786	54642	0.23	11023.98	
8		17.228	36301	0.15	10729.97	2.29
9		18.718	130395	0.55	14508.52	2.25

Reported by User: panmeng
Report Method: Chengdu
Report Method ID: 29268
Page: 1 of 1

Project Name: QC
Date Printed:
2014-1-10
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