

γ-Mangostin

## 产品分析证书

# Certificate of Analysis

中文名:  $\gamma$ -倒捻子素

English Name: Gamma-mangostin

别名(Alias): Normangostin

### Structure

### 产品图片

产品编码(Cat. No.): BP0614

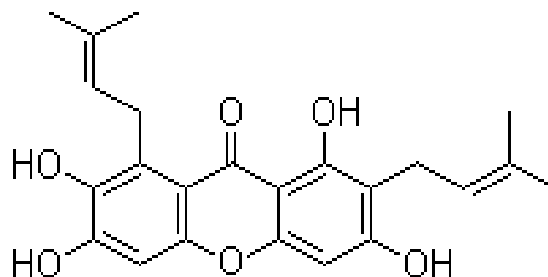
CAS Number: 31271-07-5

分子式(M. F.):  $C_{23}H_{24}O_6$

分子量(M. W.): 396.439

批号(Batch No.): PRF7012601

报告日期(Report date): 2016-01-26



### 检验结果 (Analytical result):

检验项目 (Test Item)	检验指标 (Specifications)	检验结果 (Results)
外观Appearance	Yellow powder	Yellow powder
干燥失重Loss on drying	<3.0%	0.36%
纯度Purity (HPLC-DAD, 317nm)*	$\geq 98.0\%$	98.9%
质谱Mass	396.439 $\pm$ 1.0	Conforms
核磁NMR	Comply with the structure	Conforms
结论 (Conclusion)	合格 (Qualified)	

\* 色谱图见附件 (Please find HPLC chromatography attached.)

包装 (Package): 棕色螺口玻璃瓶 (Brown vial)

贮存条件 (Storage): 避光密闭保存于阴凉干燥处。长期保存建议-20℃。

Cool and Dry place, protected from light, keep package airproofed when not in use.

Please store in -20℃ for long term storage

复测期 (Retest date): two years (2018-01-25) under conditions list above.

备注 (Remarks): 如遇质量问题, 请于收到产品之日起 15 日内与我们联系。

In case of quality issue, please contact us within 15 days after receipt of the product.

QC:

Zhang Ling

QA:

Wu Qi

Date: 2016-01-26

Date: 2016-01-26



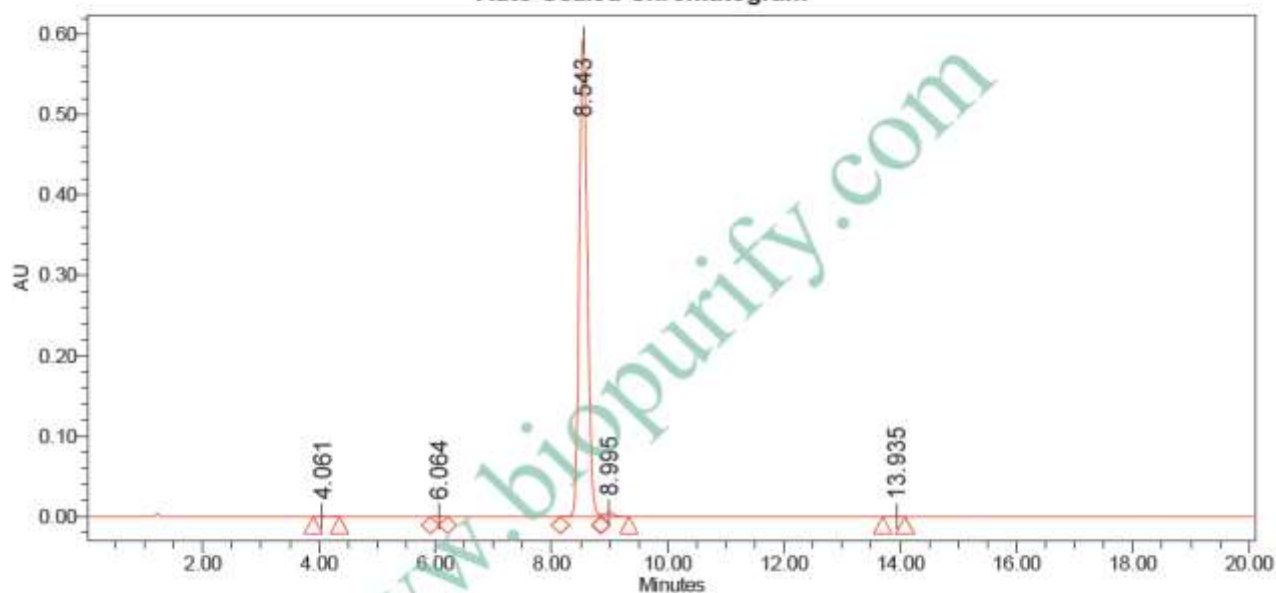


Chengdu Biopurify Phytochemicals Ltd.

### SAMPLE INFORMATION

Sample Name:	γ Mangostin PRF7012601	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	57	Acq. Method Set:	γ Mangostin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	317.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 317.0 nm
Date Acquired:	2016-1-26 15:46:41 CST		
Date Processed:	2016-1-26 16:12:55 CST		

### Auto-Scaled Chromatogram



### Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		4.061	2673	0.05	11714.49	
2		6.064	4545	0.08	10003.88	10.15
3		8.543	5700161	98.86	18194.41	9.93
4		8.995	55922	0.97	14324.21	1.55
5		13.935	2657	0.05	36258.55	16.57

Reported by User: System  
Report Method: Chengdu  
Report Method ID: 10505  
Page: 1 of 1

Project Name: 2016  
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