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Certificate of Analysis

Product Name: Gamma-mangostin

Other Name:

Catalogue No.: BP0614

Batch No.: 15091721

Report date: 2015-09-18

CAS Number: 31271-07-5

Mol. Formula: C₂₃H₂₄O₆

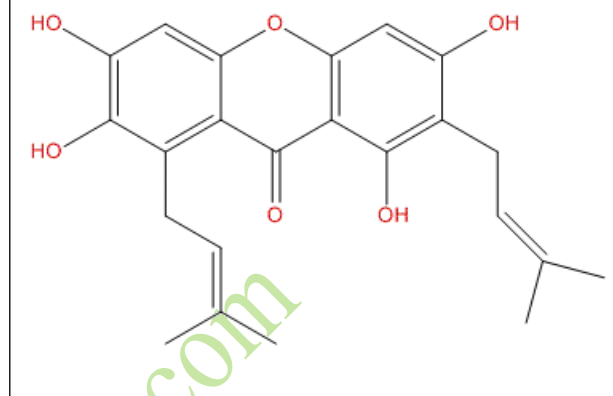
Mol. Weight: 396.43

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Yellow powder	Yellow powder
Loss on drying	<3.0%	1.9%
Purity (HPLC,317nm) *	≥98.0%	98.98%

* 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 (2017-09-17) under conditions list above.

QC: *Meng Pan*

Date: 2015-09-18

QA: *Lianglei Zhang*

Date: 2015-09-18

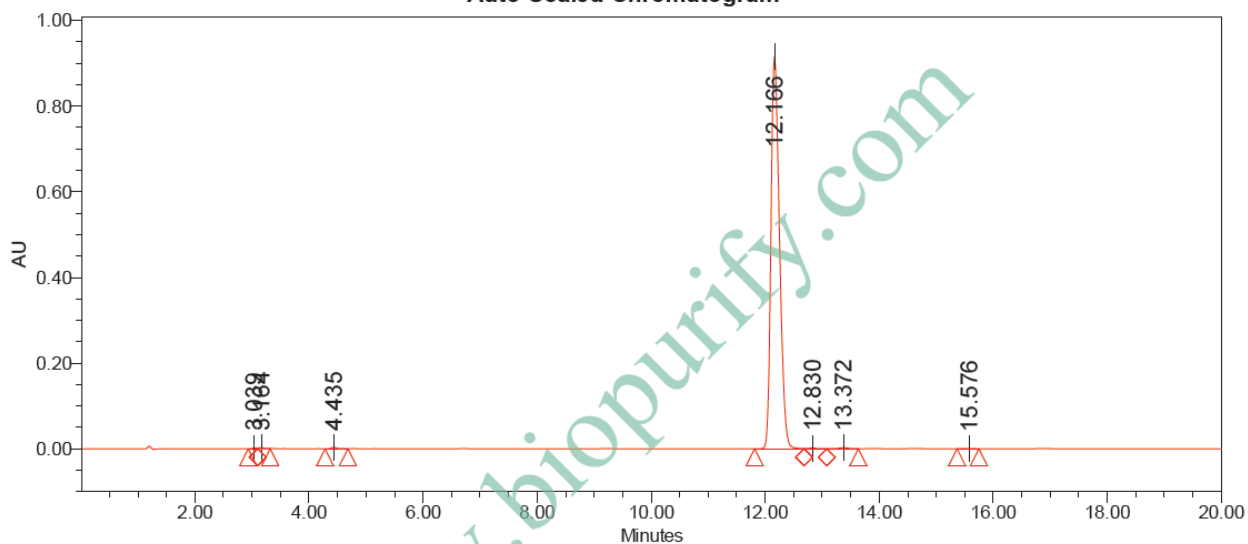


Chengdu Biopurify Phytochemicals Ltd.

SAMPLE INFORMATION

Sample Name:	γ Mangostin PRF15091721	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	61	Acq. Method Set:	γMangostin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	317.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 317.0 nm
Date Acquired:	2015-9-18 9:40:39 CST		
Date Processed:	2015-9-18 10:33:27 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		3.039	8563	0.09	6574.88	
2		3.164	15760	0.16	6974.39	
3		4.435	24333	0.25	11832.71	7.98
4		12.166	9509239	98.98	30668.69	34.44
5		12.830	18213	0.19	19624.15	2.34
6		13.372	26395	0.27	37380.31	1.92
7		15.576	5041	0.05	39731.58	7.64