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Certificate of Analysis

Product Name: Garcinone D

Other Name:

Catalogue No.: BP0623

Batch No.: 14071603

Reported Date: 2014-07-16

CAS Number: 107390-08-9

Mol. Formula: C₂₄H₂₈O₇

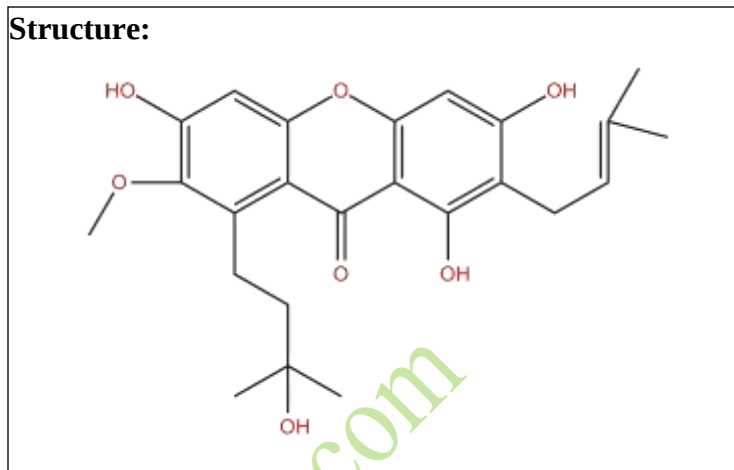
Mol. Weight: 428.481

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%	1.2 %
Purity (HPLC,317nm)*	≥98.0%	98.16%

* 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 (2016-07-16) under conditions list above.

QC: *Meng Pan*

Date: 2014-07-16

QA: *Lianglei Zhang*

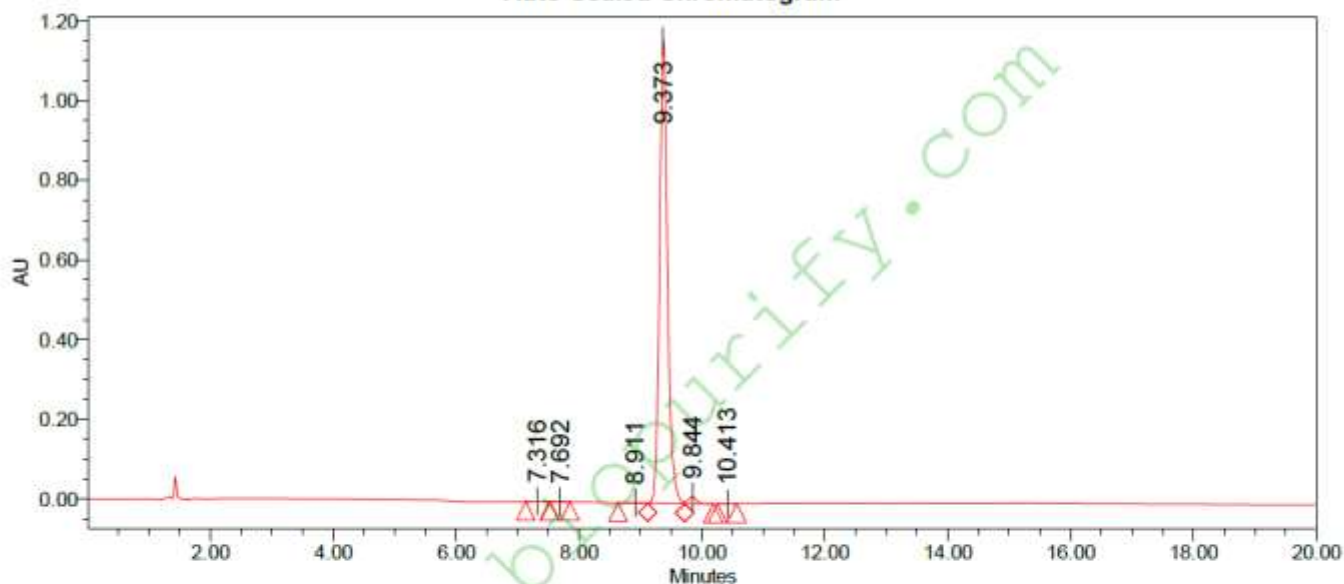
Date: 2014-07-16



SAMPLE INFORMATION

Sample Name:	Garcinone D 14071603	Acquired By:	panmeng Sample
Sample Type:	Unknown	Set Name:	
Vial:	1:E,3	Acq. Method Set:	Garcinone D
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:	2014-7-16 10:02:09 CST		
Date Processed:	2014-7-16 12:50:18 CST		

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	7.316	11331	0.11	19454.21	
2	7.692	5876	0.05	20357.75	1.35
3	8.911	13172	0.12	23576.94	4.17
4	9.373	10506843	98.16	26643.16	1.97
5	9.844	159762	1.49	24925.05	1.90
6	10.413	6388	0.06	36467.15	2.51