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Certificate of Analysis

Product Name: Garcinone C

Other Name:

Catalogue No.: BP0622

Batch No.: 14080107

Reported Date: 2014-08-01

CAS Number: 76996-27-5

Mol. Formula: C₂₃H₂₆O₇

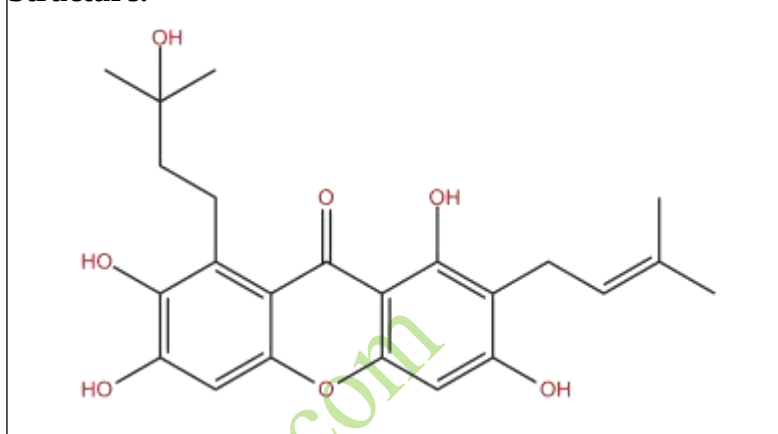
Mol. Weight: 414.454

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%	1.1 %
Purity (HPLC,317nm)*	≥95.0%	96.80%

* 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 (2016-08-01) under conditions list above.

QC: *Meng Pan*

Date: 2014-08-01

QA: *Lianglei Zhang*

Date: 2014-08-01

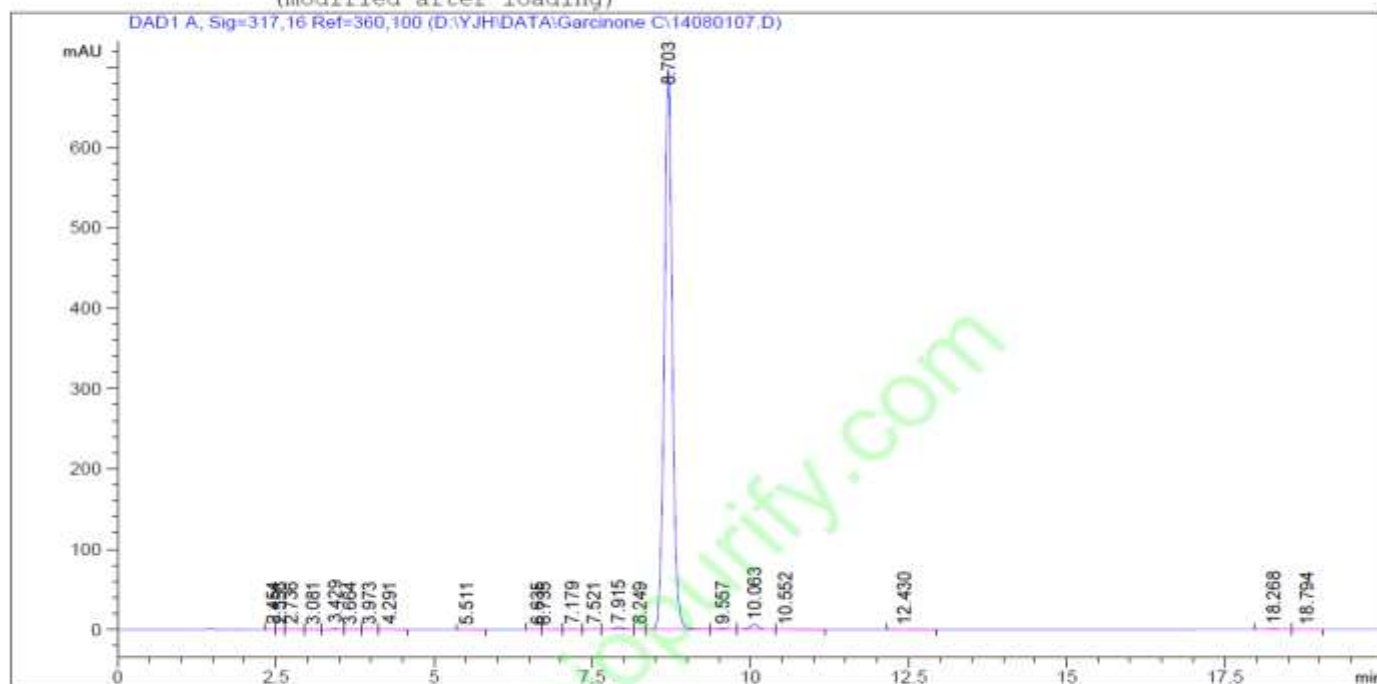


Acq. Operator : LQY
Acq. Instrument : Instrument 1
Injection Date : 8/1/2014 4:01:10 PM

Location : Vial 2

Inj Volume : 10 µl

Acq. Method: D:\YJH\METHOD\Garcinone C .M
Last changed : 8/1/2014 1:27:00 PM by LQY
Analysis Method : D:\YJH\METHOD\Garcinone C .M
Last changed : 8/1/2014 4:27:02 PM by LQY
(modified after loading)



Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=317,16 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.454	VV	0.0757	2.87457	5.61585e-1	0.0452
2	2.556	VV	0.0667	2.65895	6.11335e-1	0.0418
3	2.736	VV	0.0910	3.62757	5.95993e-1	0.0571
4	3.081	VV	0.0981	1.48081	2.21314e-1	0.0233
5	3.429	VV	0.0842	11.25568	2.04537	0.1771
6	3.664	VV	0.0893	1.52318	2.56476e-1	0.0240
7	3.973	VV	0.0903	2.43306	4.03719e-1	0.0383
8	4.291	VV	0.0978	3.86547	5.79541e-1	0.0608
9	5.511	VV	0.1425	2.21095	2.33534e-1	0.0348
10	6.635	VV	0.1125	3.63445	4.78921e-1	0.0572
11	6.735	VV	0.1451	4.14932	3.99792e-1	0.0653
12	7.179	VV	0.1267	5.86788	6.93880e-1	0.0923
13	7.521	VV	0.1368	5.09363	5.46009e-1	0.0802
14	7.915	VV	0.1769	33.38023	2.68756	0.5253



Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
15	8.249	VV	0.1278	5.05549	5.68283e-1	0.0796
16	8.703	VV	0.1351	6150.89258	695.84839	96.8040
17	9.557	VV	0.1892	18.41043	1.40243	0.2897
18	10.063	VV	0.1548	68.71204	6.52857	1.0814
19	10.552	VB	0.2178	6.33990	4.15968e-1	0.0998
20	12.430	VV	0.2268	3.49278	2.18119e-1	0.0550
21	18.268	VV	0.1829	13.71231	1.11924	0.2158
22	18.794	VV	0.1903	3.29313	2.48964e-1	0.0518

Totals : 6353.96441 716.66498

*** End of Report ***

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