



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

Add: No.11 Building, No. 388 Rongtaidadao CNSTP
Wenjiang Zone, Chengdu, Sichuan, 611130 China
TEL: 028-82633987 FAX: 028-82633165
E-mail: biopurify@gmail.com sales@biopurify.com
Web: www.biopurify.com

Certificate of Analysis

Product Name: Angelic Anhydride

Other Name: (2Z)-2-Methylbut-2-enoic anhydride

Catalogue No.: BP1639

Batch No.: 15041017

Report date: 2015-04-10

CAS Number: 94487-74-8

Mol. Formula: C₁₀H₁₄O₃

Mol. Weight: 182.216

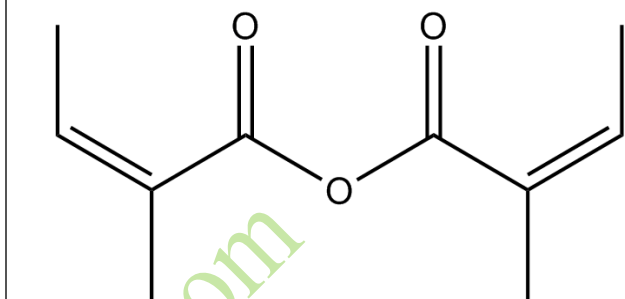
Botanical Source: Synthesis

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC- HPLC

Structure:



Analytical result:

Test	Specification	Results
Appearance	Colorless liquid	Colorless liquid
Loss on drying	<3.0%	1.2%
Purity (HPLC,235nm)*	≥98.0%	98.05.%

* 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 (2017-04-09) under conditions list above.

QC: Meng Pan

Date: 2015-04-10

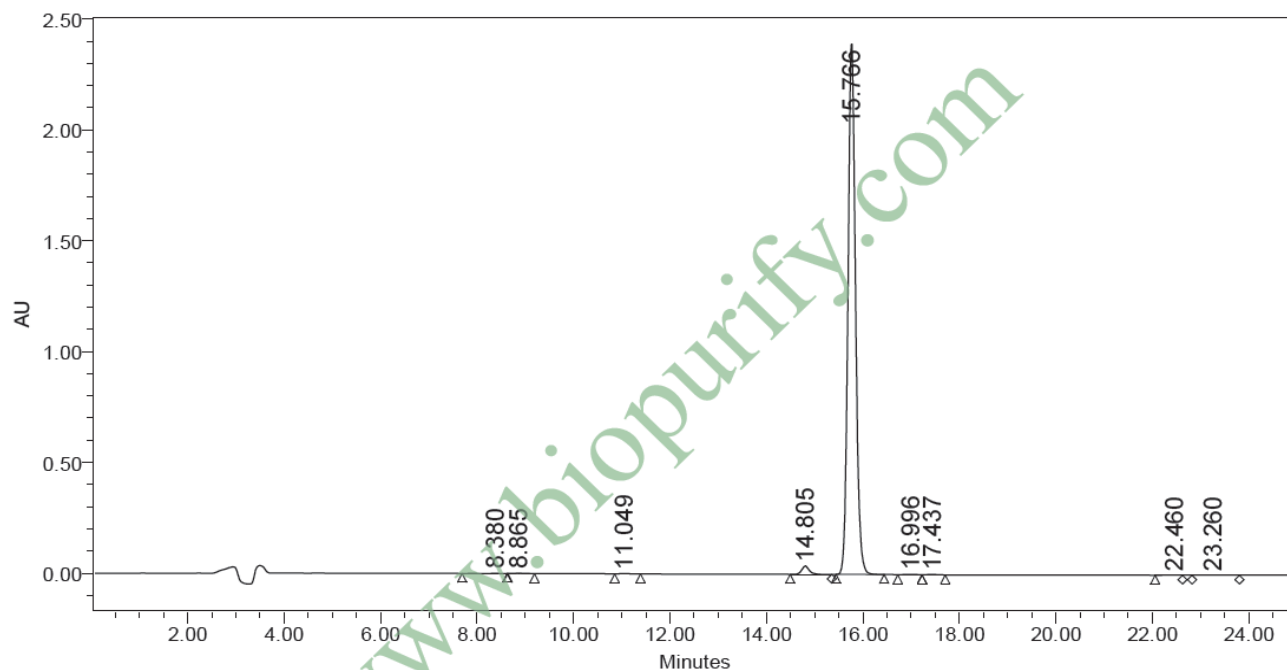
QA: Lianglei Zhang

Date: 2015-04-10



SAMPLE INFORMATION

Sample Name:	Angelic Anhydride 15041017	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:C,5	Acq. Method Set:	Angelic Anhydride
Injection #:	1	Processing Method:	Sample
Injection Volume:	10.00 ul	Channel Name:	235.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 235.0 nm
Date Acquired:	2015-4-10 16:25:27 CST		
Date Processed:	2015-4-10 16:55:12 CST		



	RT	Area	% Area	Height	USP Plate Count	USP Resolution
1	8.380	16568	0.06	1009	17262.21	
2	8.865	11361	0.04	1028	15097.02	1.73
3	11.049	17932	0.07	1812	30219.04	7.84
4	14.805	409558	1.54	37370	45835.90	13.82
5	15.766	26084818	98.05	2403847	50807.26	3.38
6	16.996	15511	0.06	1412	56060.13	4.24
7	17.437	13434	0.05	1297	62520.22	1.53
8	22.460	7392	0.03	350		17.79

	RT	Area	% Area	Height	USP Plate Count	USP Resolution
9	23.260	25746	0.10	728	8600.48	1.27