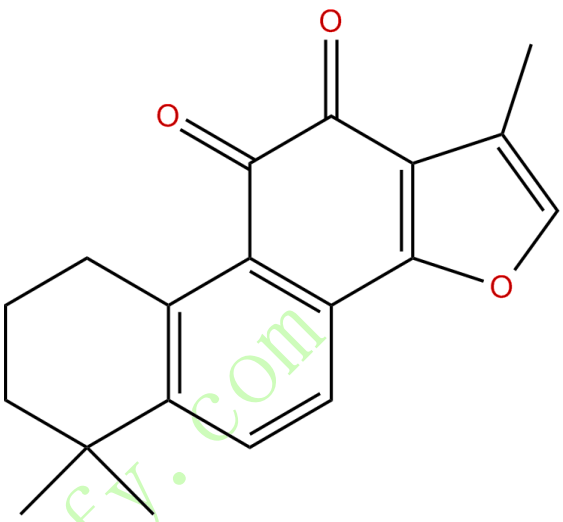
成都普瑞法科技开发有限公司
Chengdu Biopurify Phytochemicals Ltd.

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: Tanshinone Ⅱ A

Structure:



Other Name:

Catalogue No.: BP1362

Batch No.: 14052511

Reported Date: 2014-05-25

CAS Number: 568-72-9

Mol. Formula: $C_{19}H_{18}O_3$

Mol. Weight: 294.35

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Analytical result:

Test	Specification	Results
Appearance	Orange powder	Orange powder
Loss on drying	＜3.0%	1.3%
Purity (HPLC, 270nm)*	≥98.0%	98.90%

***** 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.

QC: Meng Pan
Date: 2014-05-25

QA: Lianglei Zhang
Date: 2014-05-25

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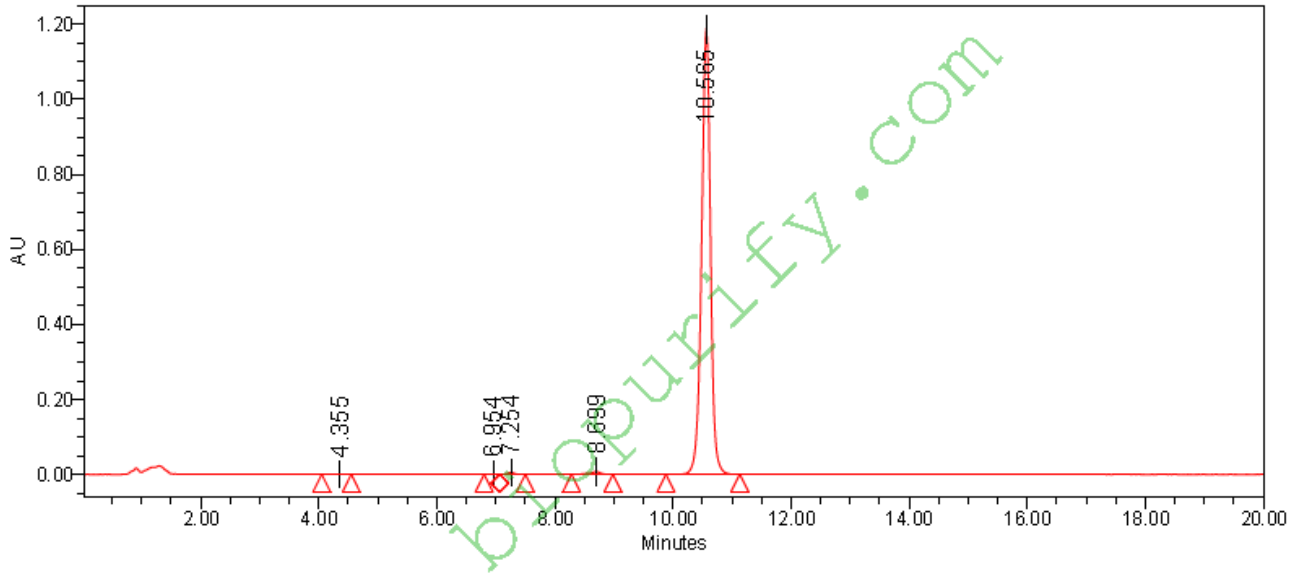
Empower 2 software

Chengdu Biopurify Phytochemicals Ltd

SAMPLE INFORMATION

Sample Name:	Tanshinone ⅡA14052511	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:A,7	Acq. Method Set:	Tanshinone ⅡA
Injection #:	1	Processing Method:	Samples
Injection Volume:	15.00 ul	Channel Name:	270.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 270.0 nm
Date Acquired:	5/25/2014 2:57:29 PM CST		
Date Processed:	5/25/2014 5:12:04 PM CST		

Auto-Scaled Chromatogram



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Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		4.355	4646	0.04	15724.45	
2		6.954	7386	0.06	16372.26	13.72
3		7.254	41281	0.33	17753.82	1.32
4		8.699	84866	0.67	18287.52	5.73
5		10.565	12470533	98.90	24647.37	6.68