



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: Dehydrocostus Lactone

Other Name: Epiligulyl oxide

Catalogue No.: BP0461

Batch No.: 15112506

Report date: 2015-11-25

CAS Number: 477-43-0

Mol. Formula: C₁₅H₁₈O₂

Mol. Weight: 230.307

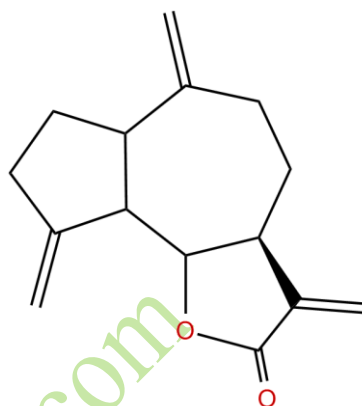
Botanical Source: Saussurea lappa

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	White powder	White powder
Loss on drying	<3.0%	1.3 %
Purity (HPLC, 225nm)*	≥98.0%	99.21%

* 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 (2017-11-24) under conditions list above.

QC: Meng Pan

Date: 2015-11-25

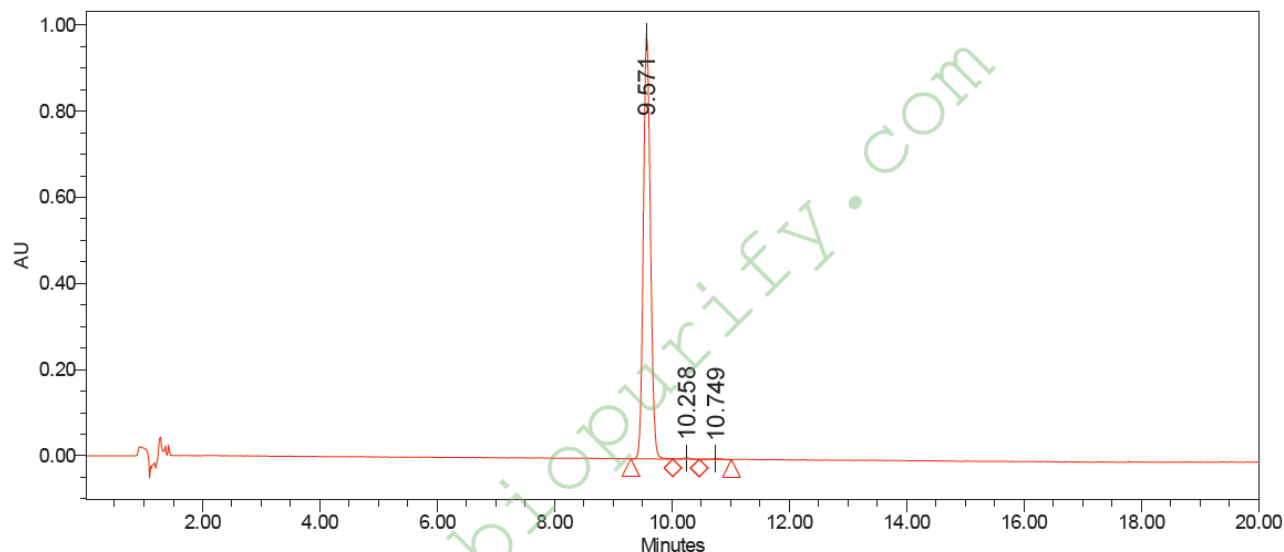
QA: Lianglei Zhang

Date: 2015-11-25

SAMPLE INFORMATION

Sample Name:	Dehydrocostus lactone 15112506	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:C,1	Acq. Method Set:	Dehydrocostus lactone
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	225.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 225.0 nm
Date Acquired:	2015-11-25 11:31:15 CST		
Date Processed:	2015-11-25 12:31:27 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		9.571	8251109	99.21	30075.57	
2		10.258	34952	0.42	27530.64	1.51
3		10.749	30583	0.37	31330.47	0.73