



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

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Certificate of Analysis

Product Name: Capsaicin

Other Name: Capillarin

Catalogue No.: BP0312

Batch No.: 15011605

Report date 2015-01-16

CAS Number: 404-86-4

Mol. Formula: C₁₈H₂₇NO₃

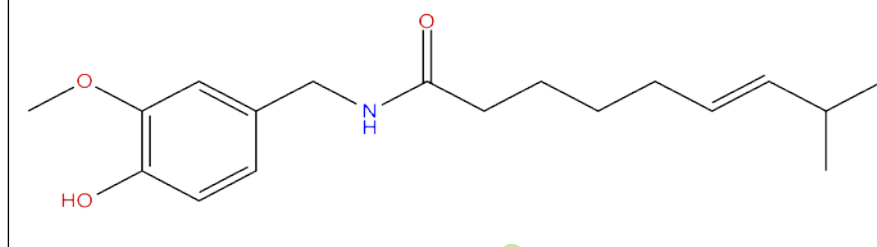
Mol. Weight: 305.418

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%	1.5%
Purity (HPLC,280nm) *	≥98.0%	99.54%

* 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 (2017-01-15) under conditions list above.

QC: *Meng Pan*

Date: 2015-01-16

QA: *Lianglei Zhang*

Date: 2015-01-16



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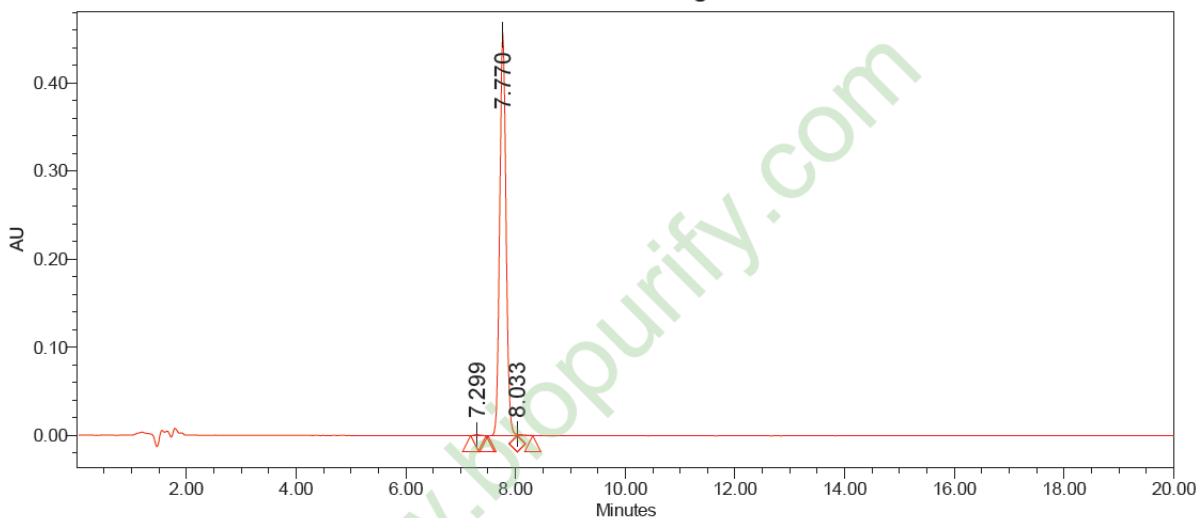


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SAMPLE INFORMATION

Sample Name:	Capsaicin 15011605	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	17	Acq. Method Set:	Capsaicin
Injection #:	1	Processing Method:	11
Injection Volume:	10.00 ul	Channel Name:	280.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 280.0 nm
Date Acquired:	2015-1-16 13:19:58 CST		
Date Processed:	2015-1-19 14:26:12 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		7.299	7571	0.21	21214.75	
2		7.770	3608083	99.54	22156.11	2.27
3		8.033	9077	0.25		1.24