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Certificate of Analysis

Product Name: L-(+)-Citrulline

Other Name:

Catalogue No.: BP1645

Batch No.: 15051608

Reported Date: 2015-05-16

CAS Number: 372-75-8

Mol. Formula: C₆H₁₃N₃O₃

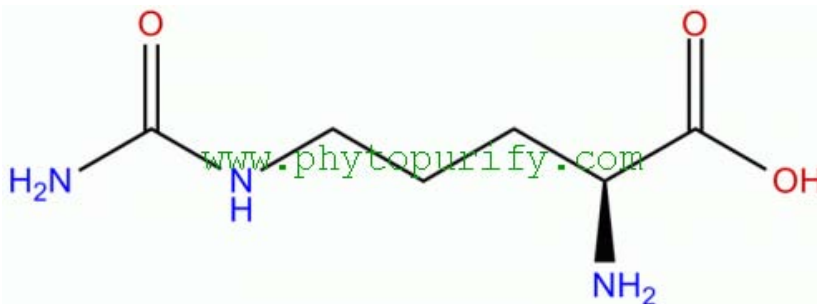
Mol. Weight: 175.186

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-ELSD

Structure:



Analytical result:

Test	Specification	Results
Appearance	white powder	white powder
Loss on drying	<3.0%	1.4%
Purity (HPLC)	≥98.0%	99.7 %

* 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 (2017-05-15) under conditions list above.

QC: *Meng Pan*

Date: 2015-05-16

QA: *Lianglei Zhang*

Date: 2015-05-16

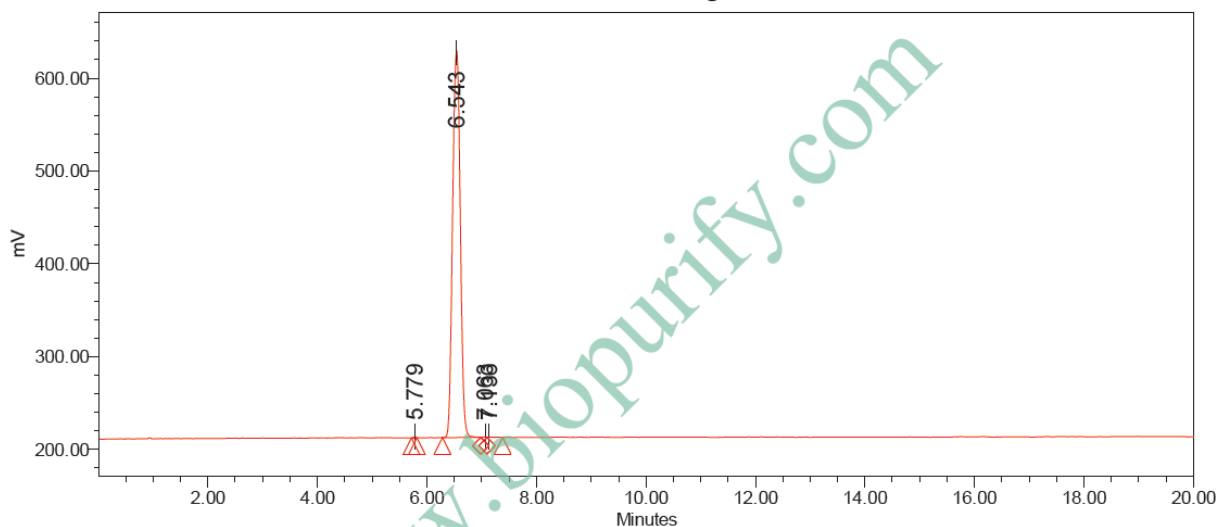


Chengdu Biopurify Phytochemicals Ltd.

SAMPLE INFORMATION

Sample Name:	L Citrulline 15051608	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	28	Acq. Method Set:	L Citrulline
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	SATIN
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	
Date Acquired: 2015-5-16 14:24:07 CST			
Date Processed: 2015-5-18 9:32:35 CST			

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		5.779	2786	0.07	94705.19	
2		6.543	4058868	99.70	10655.43	4.62
3		7.063	3907	0.10		2.03
4		7.136	5475	0.13		