



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: Betaine

Other Name:

Catalogue No.: BP0266

Batch No.: 15040709

Report date: 2015-04-07

CAS Number: 107-43-7

Mol. Formula: C₅H₁₁NO₂

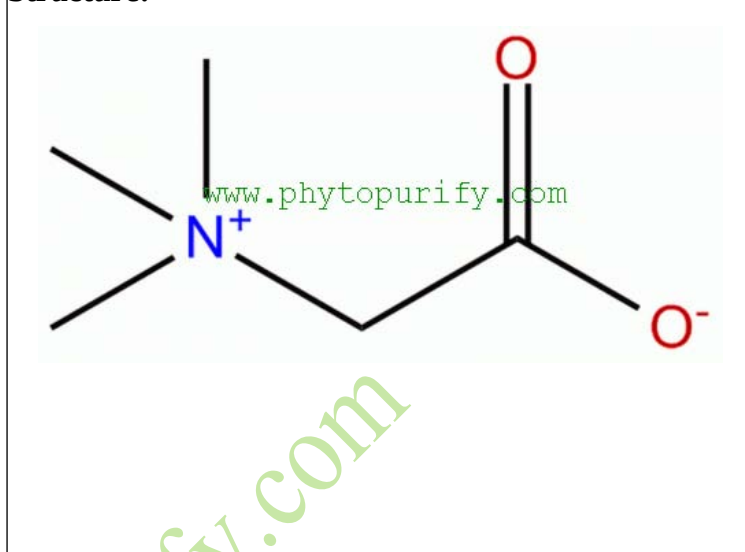
Mol. Weight: 117.148

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%	1.1 %
Purity (HPLC,ELSD)*	≥98.0%	99.57%

* 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 (2017-04-06) under conditions list above.

QC: *Meng Pan*

Date: 2015-04-07

QA: *Lianglei Zhang*

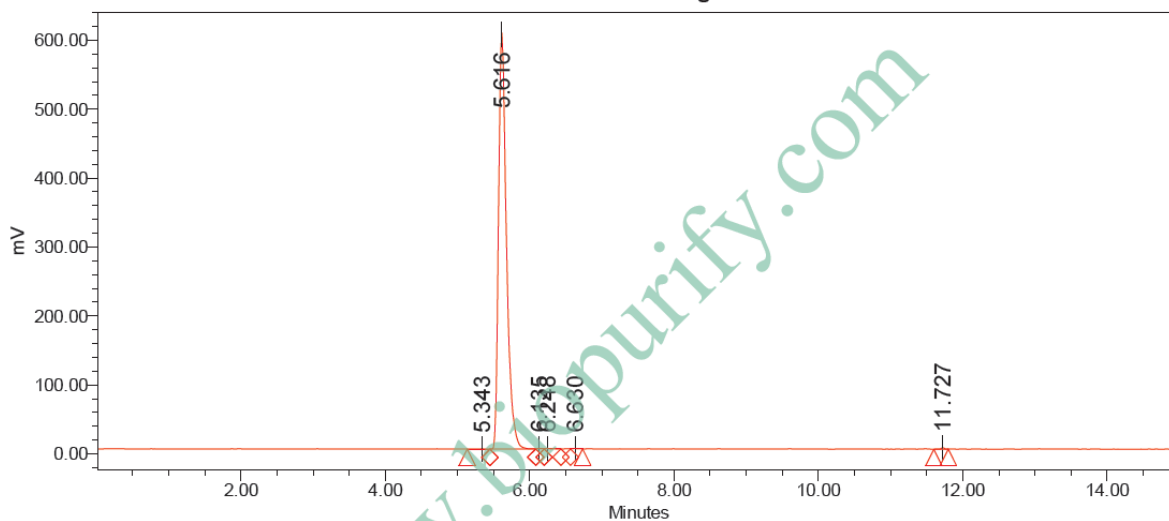
Date: 2015-04-07



SAMPLE INFORMATION

Sample Name:	Betaine 15040709	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	54	Acq. Method Set:	Betaine
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	SATIN
Run Time:	15.0 Minutes	Proc. Chnl. Descr.:	
Date Acquired:	2015-4-7 13:35:50 CST		
Date Processed:	2015-4-7 13:58:35 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		5.343	3103	0.07	9986.86	
2		5.616	4610567	99.57	12775.62	0.81
3		6.135	3086	0.07	36666.10	2.56
4		6.248	3078	0.07		
5		6.630	3961	0.09	51417.78	
6		11.727	6865	0.15	315865.88	23.82