



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: Theaflavin-3'-gallate

Other Name:

Catalogue No.: BP1386

Batch No.: 13042808

Report Date: 2013-04-28

CAS Number: 28543-07-9

Mol. Formula: C₃₆H₂₈O₁₆

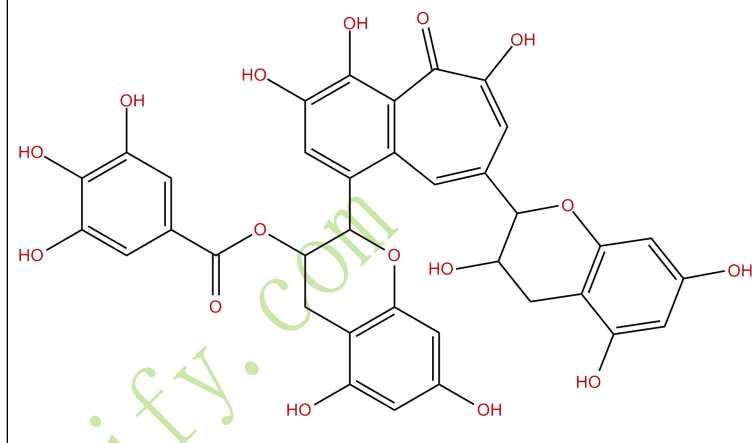
Mol. Weight: 716.6

Botanical Source: Black Tea

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Purplish red powder	Purplish red powder
Loss on drying	<3.0%	1.2%
Purity (HPLC, UV270nm)	≥95.0%	96.36%

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 (2015-04-27) under conditions list above.

QC: *Meng Pan*

Date: 2013-04-28

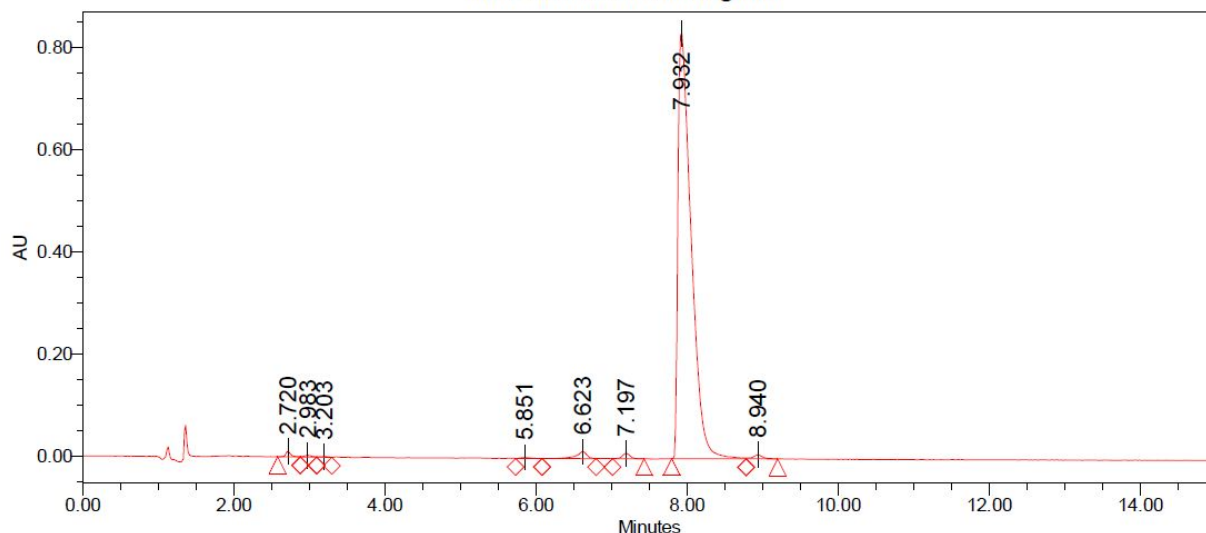
QA: *Lianglei Zhang*

Date: 2013-04-28

SAMPLE INFORMATION

Sample Name:	Theaflavin-3'-gallate13042808	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:B,6	Acq. Method Set:	Theaflavin-3'-gallate
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	270.0nm
Run Time:	15.0 Minutes	Proc. Chnl. Descr.:	PDA 270.0 nm
Date Acquired:	2013-4-28 14:10:11 CST		
Date Processed:	2013-4-28 14:31:13 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		2.720	48003	0.46	9332.73	
2		2.983	22769	0.22	5473.26	1.80
3		3.203	9474	0.09	1666.13	1.27
4		5.851	17611	0.17	5933.95	13.75
5		6.623	138464	1.32	13162.19	3.32
6		7.197	75120	0.72	27033.38	2.61
7		7.932	10077625	96.36	9377.55	2.87
8		8.940	69381	0.66	26745.81	3.54

Reported by User: panmeng
Report Method: Chengdu
Report Method ID: 18748
Page: 1 of 1

Project Name: QC
Date Printed:
2013-5-14
15:11:33 PRC