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Certificate of Analysis

Product Name: Catechin

Other Name: (+)-Catechin

Catalogue No.: BP0322

Batch No.: 14051514

Report date: 2014-05-15

CAS Number: 154-23-4

Mol. Formula: C₁₅H₁₄O₆

Mol. Weight: 290.271

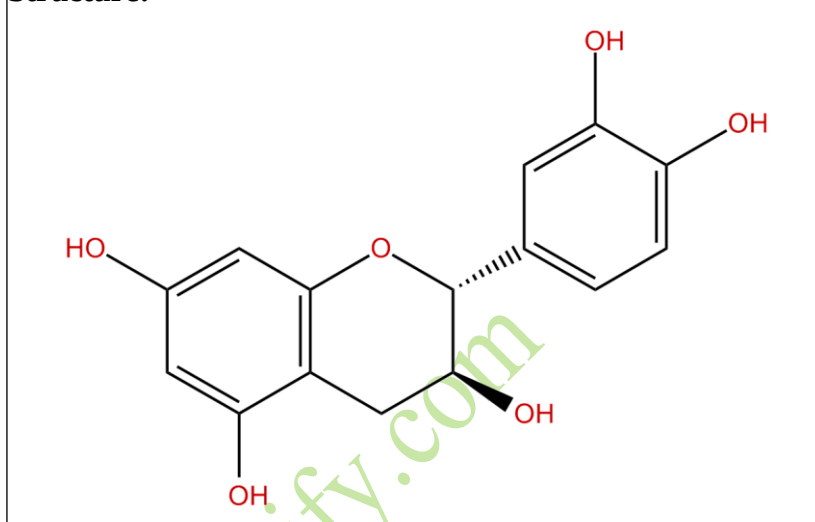
Botanical Source: Green Tea

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Pale pink powder	Pale pink powder
Loss on drying	<3.0%	0.6%
Purity (HPLC, 278nm)*	≥98.0%	99.78%

* 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 (2016-05-15) under conditions list above.

QC: *Meng Pan*

Date: 2014-05-15

QA: *Lianglei Zhang*

Date: 2014-05-15

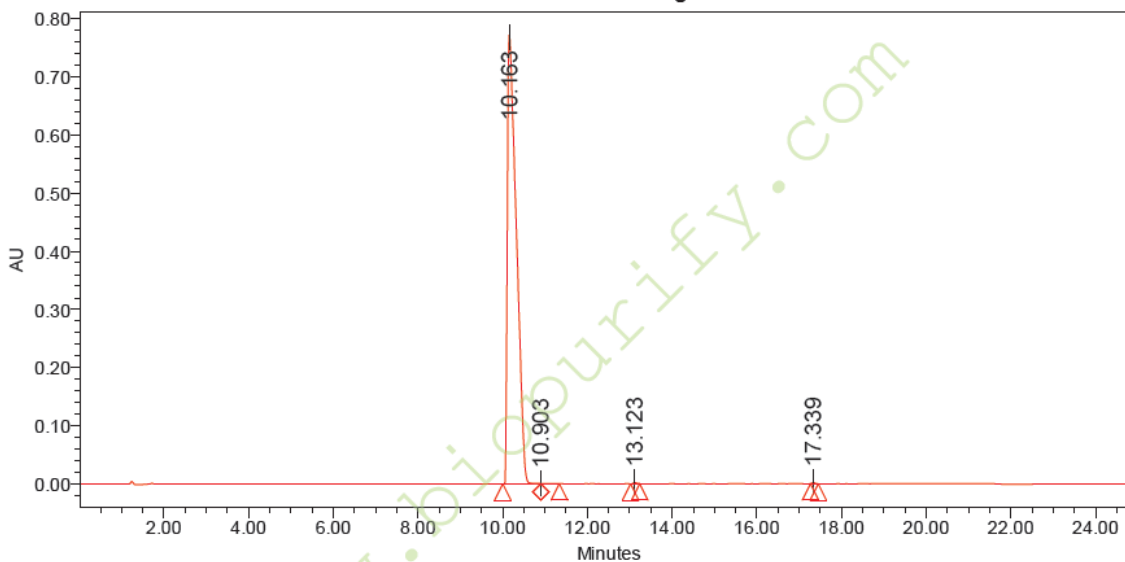


Chengdu Biopurify Phytochemicals Ltd

SAMPLE INFORMATION

Sample Name:	Catechin 14051514	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:A ₂	Acq. Method Set:	Catchin
Injection #:	1	Processing Method:	QC
Injection Volume:	20.00 ul	Channel Name:	278.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 278.0 nm
Date Acquired:	2014-5-15 13:37:45 CST		
Date Processed:	2014-5-15 14:11:30 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		10.163	11356755	99.78	8507.74	
2		10.903	3561	0.03		1.68
3		13.123	11431	0.10	149327.26	7.68
4		17.339	10194	0.09	357239.92	33.04