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Certificate of Analysis

Product Name: Epicatechin gallate

Other Name: 3-O-Galloylepicatechin

Catalogue No.: BP0539

Batch No.: 13051408

Report date: 2013-05-14

CAS Number: 1257-08-5

Mol. Formula: C₂₂H₁₈O₁₀

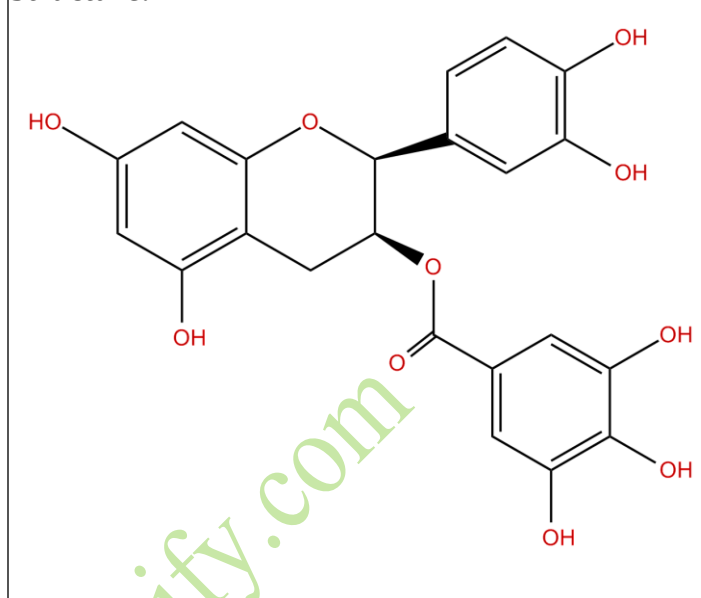
Mol. Weight: 442.376

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Off-white powder	Off-white powder
Loss on drying	<3.0%	0.8%
Purity (HPLC, 278nm)*	≥98.0%	99.75%

* 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 (2015-05-13) under conditions list above.

QC: *Meng Pan*

Date: 2013-05-14

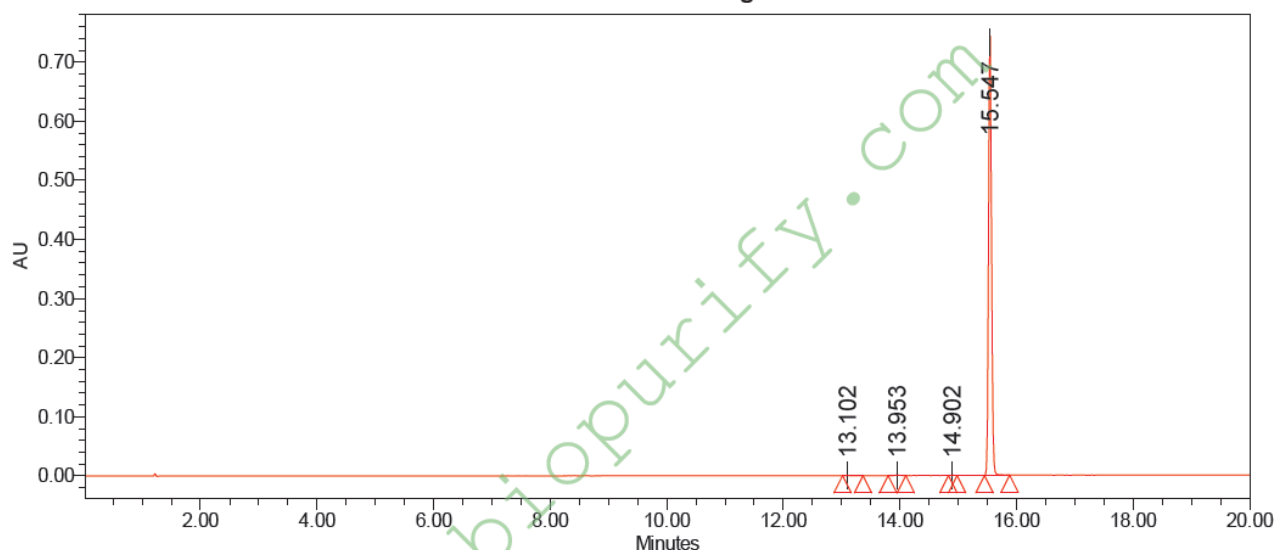
QA: *Lianglei Zhang*

Date: 2013-05-14

SAMPLE INFORMATION

Sample Name:	Epicatechin gallate13051408	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:A,8	Acq. Method Set:	Epicatechin gallate
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	278.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 278.0 nm
Date Acquired:	5/14/2013 12:05:34 PM CST		
Date Processed:	5/14/2013 12:30:12 PM CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		13.102	2510	0.09	214499.34	
2		13.953	2658	0.10	150416.56	5.02
3		14.902	1626	0.06	417242.78	7.19
4		15.547	2666325	99.75	423014.41	6.86