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## Certificate of Analysis

**Product Name: Epicatechin gallate**

**Other Name:** 3-O-Galloylepicatechin

**Catalogue No.:** BP0539

**Batch No.:** 13051407

**Report date** 2013-05-14

**CAS Number:** 1257-08-5

**Mol. Formula:** C<sub>22</sub>H<sub>18</sub>O<sub>10</sub>

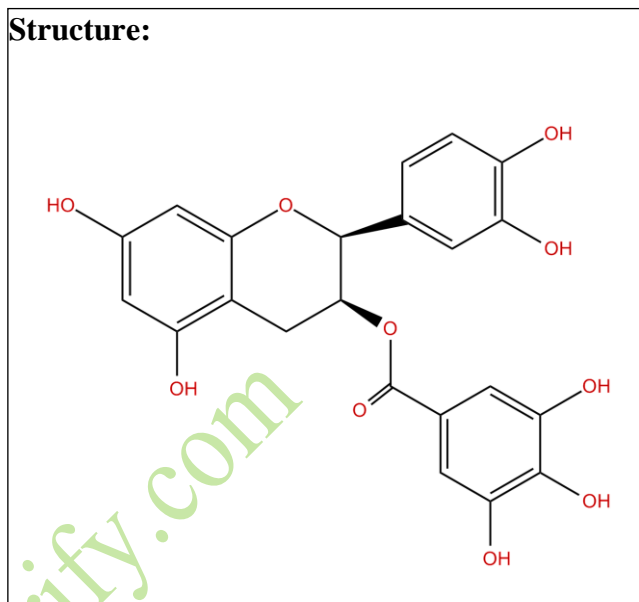
**Mol. Weight:** 442.376

**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%	1.3%
Purity (HPLC,278nm) *	≥98.0%	99.70%

\* 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*

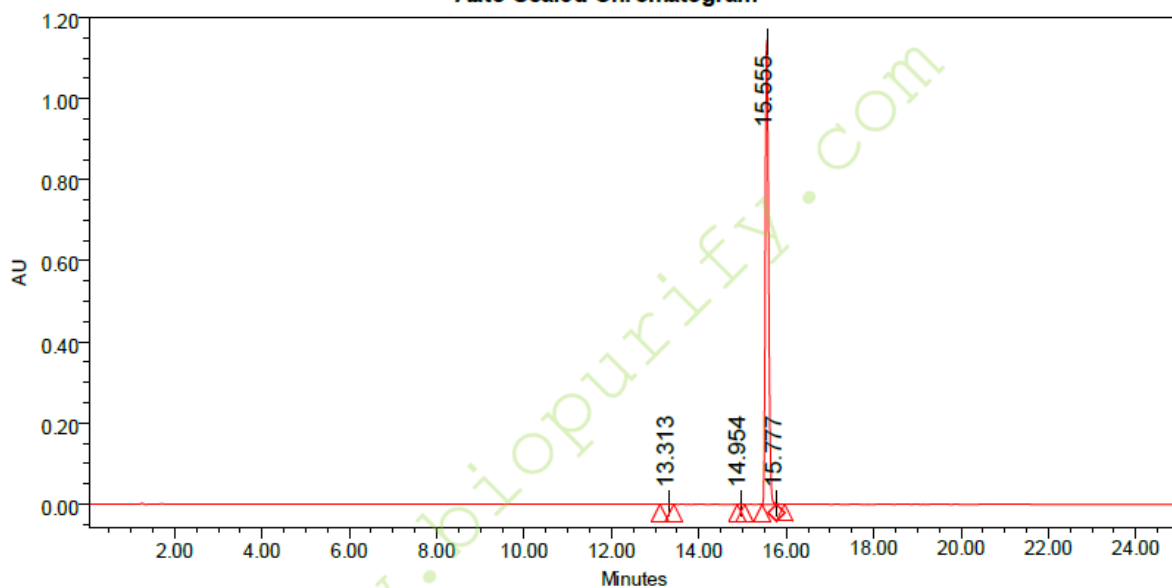
Date: 2013-05-14



### SAMPLE INFORMATION

Sample Name:	Epicatechin gallate13051407	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:A,6	Acq. Method Set:	Epicatechin gallate
Injection #:	1	Processing Method:	QC
Injection Volume:	15.00 ul	Channel Name:	278.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 278.0 nm
Date Acquired:	2013-5-14 11:52:07 CST		
Date Processed:	2013-5-14 12:28:38 CST		

### Auto-Scaled Chromatogram



### Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		13.313	5674	0.10	171995.44	
2		14.954	6416	0.11	271055.52	13.29
3		15.555	5939717	99.70	207269.05	4.70
4		15.777	5529	0.09		1.57