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Certificate of Analysis

Product Name: Catechin hydrate

Other Name:

Catalogue No.: BP0511

Batch No.: 14052002

Reported Date: 2014-05-20

CAS Number: 225937-10-0

Mol. Formula: C₁₅H₁₄O₆

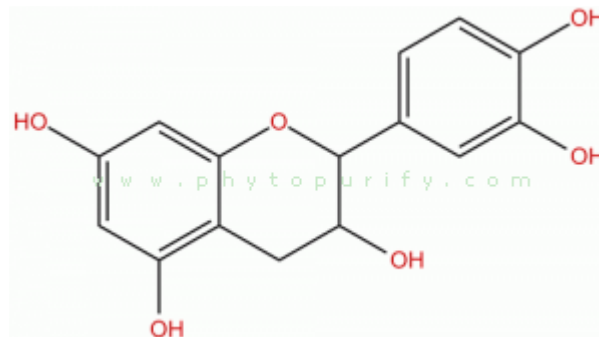
Mol. Weight: 290.271

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Light Yellow powder	Light Yellow powder
Loss on drying	<3.0%	1.3%
Purity (HPLC, 278nm)*	≥98.0%	99.30%

* 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.

QC: *Meng Pan*

Date: 2014-05-20

QA: *Lianglei Zhang*

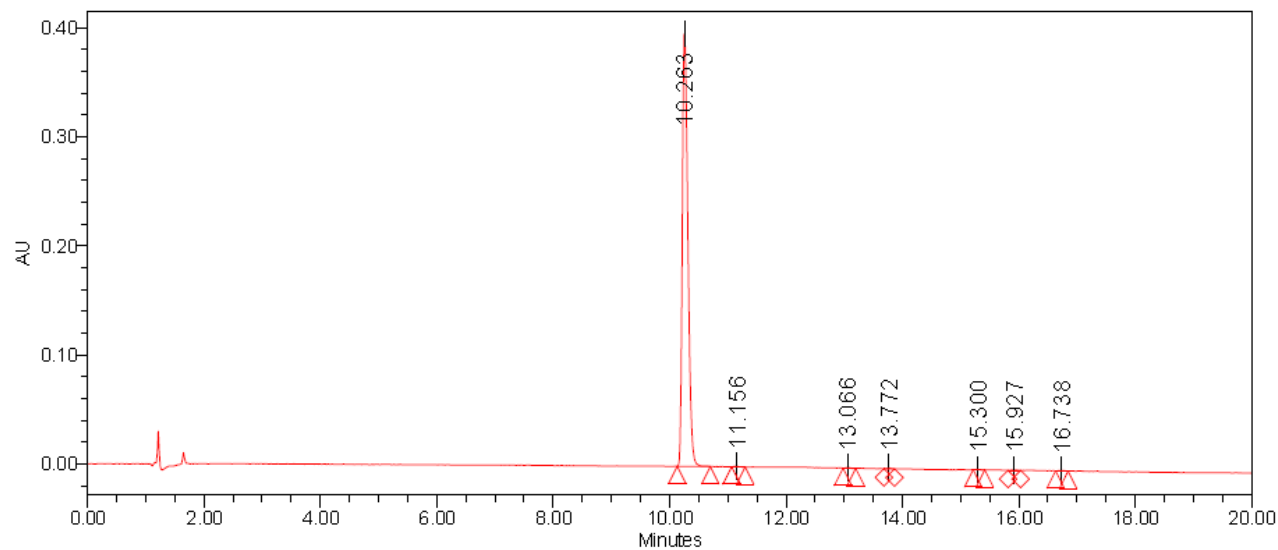
Date: 2014-05-20



SAMPLE INFORMATION

Sample Name:	Catechin hydrate14052002	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:A,2	Acq. Method Set:	Catechin hydrate
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	278.0nm
Run Time:	22.0 Minutes	Proc. Chnl. Descr.:	PDA 278.0 nm
Date Acquired:	2014-5-20 12:31:02 CST		
Date Processed:	2014-5-20 12:56:14 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		10.263	2653444	99.30	54661.70	
2		11.156	3228	0.12	86546.51	4.15
3		13.066	4093	0.15	173413.08	9.94
4		13.772	3497	0.13	313539.60	5.98
5		15.300	1596	0.06	631106.98	17.08
6		15.927	2382	0.09	231626.99	3.67
7		16.738	3935	0.15	137479.26	3.63