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Certificate of Analysis

Product Name: Apigenin

Other Name: 4',5,7-Trihydroxyflavone

Catalogue No.: BP0177

Batch No.: 14030906

Report date: 2014-03-09

CAS Number: 520-36-5

Mol. Formula: C₁₅H₁₀O₅

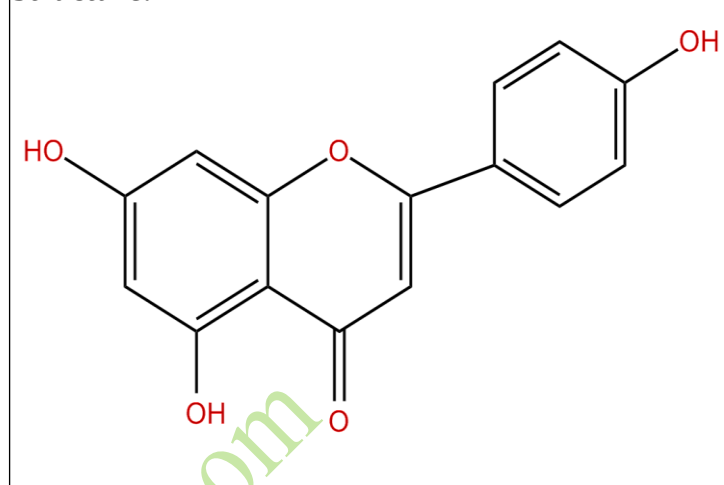
Mol. Weight: 270.24

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Khaki powder	Khaki powder
Loss on drying	<3.0%	2.0 %
Purity (HPLC, 335nm)*	≥98.0%	98.55%

* 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 (2016-03-08) under conditions list above.

QC: *Meng Pan*

Date: 2014-03-09

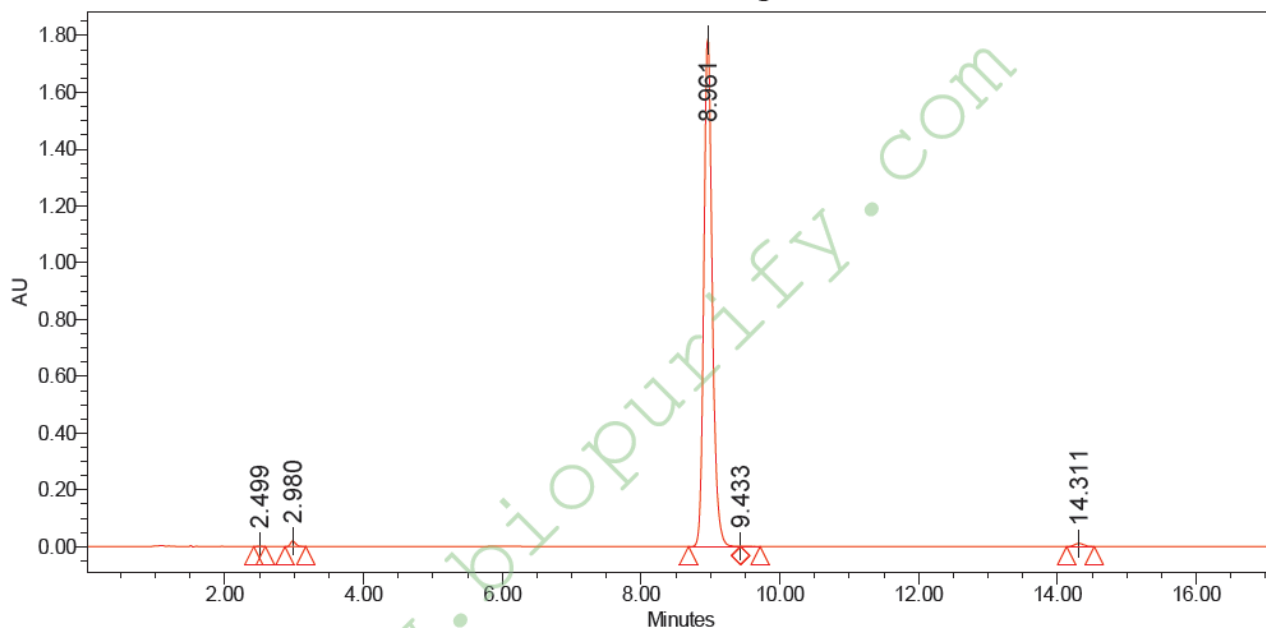
QA: *Lianglei Zhang*

Date: 2014-03-09

SAMPLE INFORMATION

Sample Name:	Apigenin14030906	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:C,5	Acq. Method Set:	Apigenin
Injection #:	2	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	335.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 335.0 nm
Date Acquired:	2013-3-9 11:21:19 CST		
Date Processed:	2014-8-8 14:11:35 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		2.499	7940	0.05	7424	
2		2.980	104506	0.68	7842	3.67
3		8.961	15119756	98.55	27456	32.98
4		9.433	7867	0.05		2.14
5		14.311	102667	0.67	52898	20.58