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## Certificate of Analysis

**Product Name: Amentoflavone**

**Other Name:**

**Catalogue No.:** BP0161

**Batch No.:** 13081506

**Report date:** 2013-08-15

**CAS Number:** 1617-53-4

**Mol. Formula:** C<sub>30</sub>H<sub>18</sub>O<sub>10</sub>

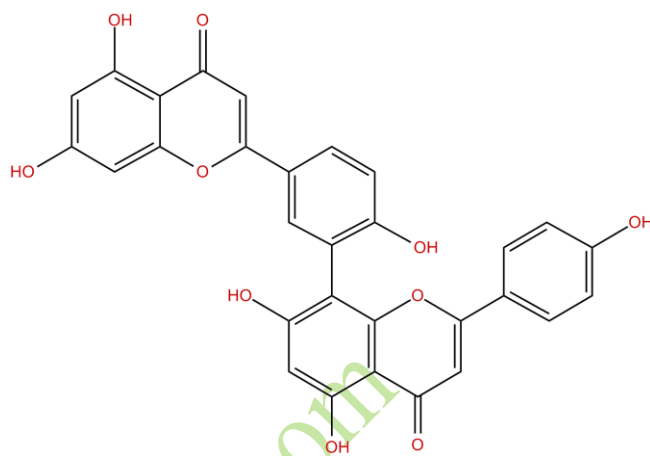
**Mol. Weight:** 538.464

**Type of compound:**

**Identification Method:** Mass, NMR

**Analysis Method of Purity:** HPLC-DAD

**Structure:**



**Analytical result:**

Test	Specification	Results
Appearance	Yellow powder	Yellow powder
Loss on drying	<3.0%	1.0%
Purity (HPLC,335nm)*	≥98.0%	98.85%

\* Please find HPLC chromatography attached.

**Package:** Brown vial or HDPE Plastic Bottle

**Storage:** Cool and Dry place, protected from light, keep package airtight when not in use.

**Expiration:** two years (2013-08-15) under conditions list above.

QC: *Meng Pan*

Date: 2013-08-15

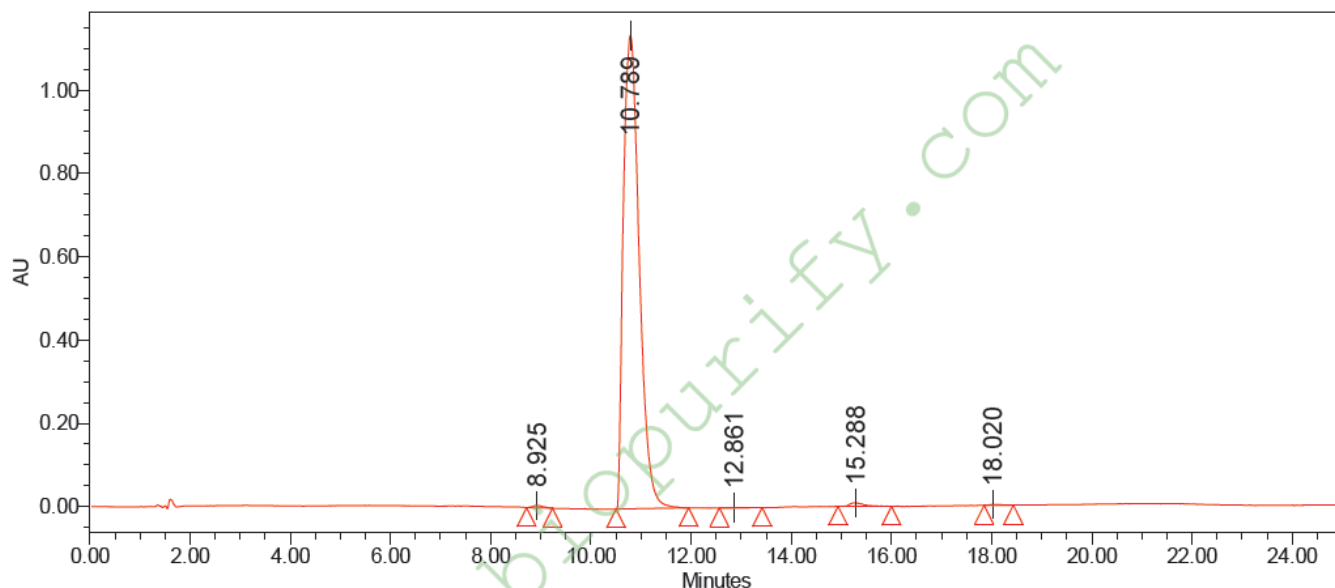
QA: *Lianglei Zhang*

Date: 2013-08-15

**SAMPLE INFORMATION**

Sample Name:	Amentoflavone 13081506	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:B,5	Acq. Method Set:	Amentoflavone
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	335.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 335.0 nm
Date Acquired:	2013-8-15 13:03:08 CST		
Date Processed:	2013-8-15 13:47:58 CST		

**Auto-Scaled Chromatogram**



**Peak Results**

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	8.925	76536	0.30	8783.61	
2	10.789	25016136	98.85	5588.20	3.87
3	12.861	16654	0.07	96116.49	4.98
4	15.288	166211	0.66	15212.13	7.17
5	18.020	32421	0.13	51362.79	7.40