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Certificate of Analysis

Product Name: Limonin

Other Name:

Catalogue No.: BP0866

Batch No.: 14111911

Reported Date: 2014-11-19

CAS Number: 1180-71-8

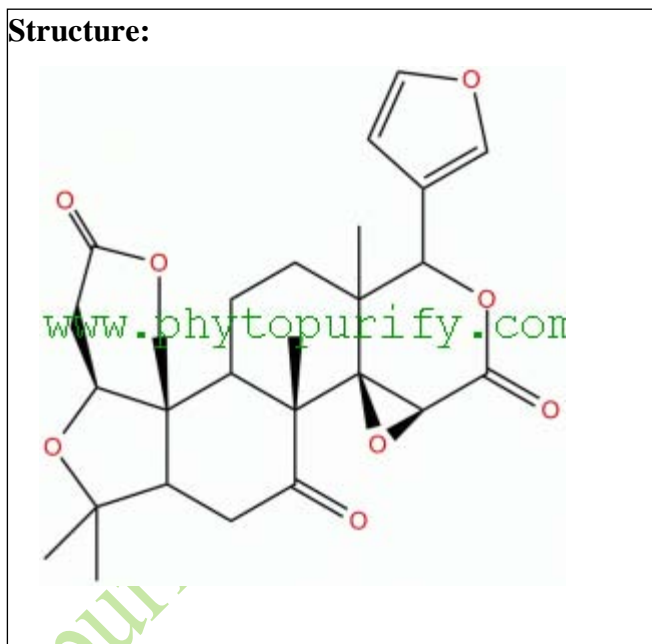
Mol. Formula: C₂₆H₃₀O₈

Mol. Weight: 470.518

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Pale yellow powder	Pale yellow powder
Loss on drying	<3.0%	1.3%
Purity (HPLC, 210nm)*	≥98.0%	99.08%

* 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 (2016-11-18) under conditions list above.

QC: *Meng Pan*

Date: 2014-11-19

QA: *Lianglei Zhang*

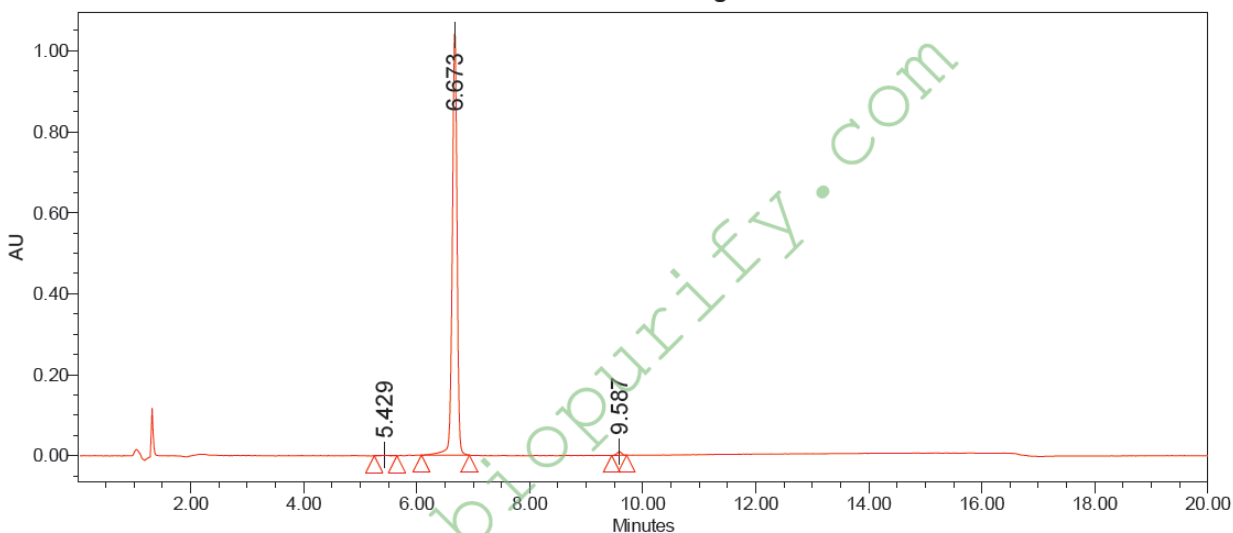
Date: 2014-11-19



SAMPLE INFORMATION

Sample Name:	Limonin 14111911	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:B,6	Acq. Method Set:	Limonin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	210.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 210.0 nm
Date Acquired:	11/19/2014 3:38:26 PM CST		
Date Processed:	11/19/2014 4:45:46 PM CST		

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	5.429	6306	0.10	13057.45	
2	6.673	6115208	99.08	32242.60	9.03
3	9.587	50678	0.82	56885.45	18.41