

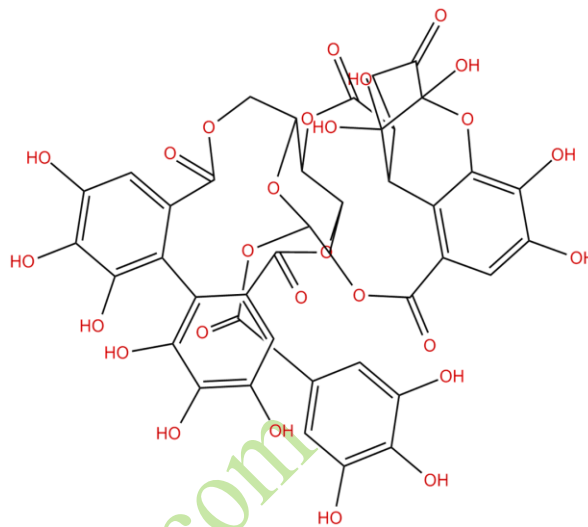


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Certificate of Analysis

Structure:



Product Name: Geraniin

Other Name:

Catalogue No.: BP0639

Batch No.: 16071204

Report date: 2016-07-12

CAS Number: 60976-49-0

Mol. Formula: C₄₁H₂₈O₂₇

Mol. Weight: 952.648

Botanical Source:

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Analytical result:

Test	Specification	Results
Appearance	Yellow powder	Yellow powder
Loss on drying	<3.0%	0.6%
Purity (HPLC, 220nm)*	≥98.0%	99.93%

* 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 (2018-07-12) under conditions list above.

QC: Meng Pan

Date: 2016-07-12

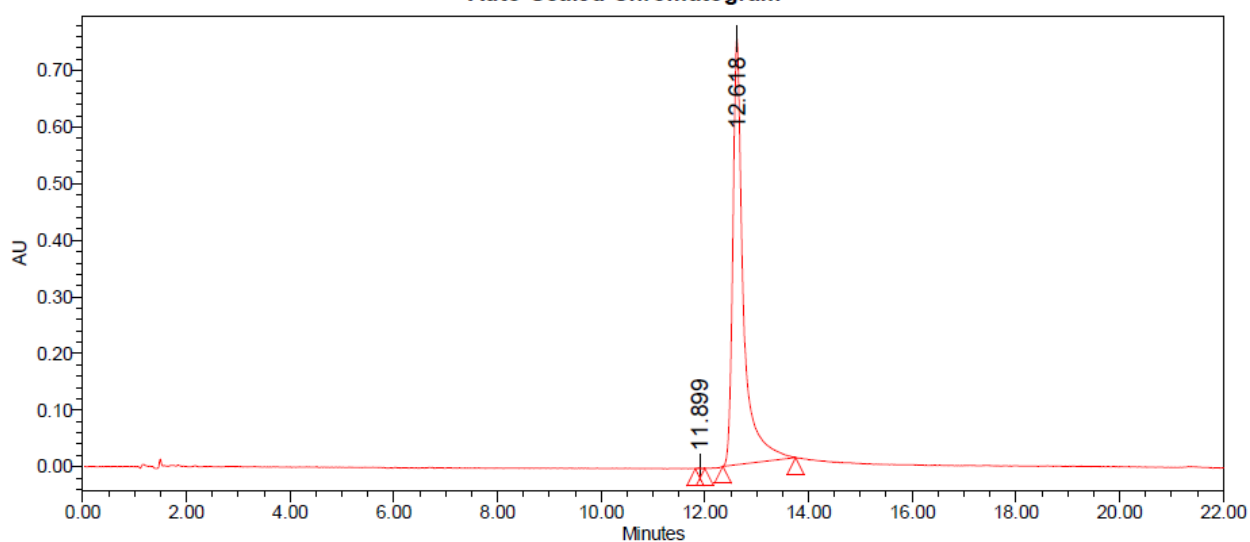
QA: Lianglei Zhang

Date: 2016-07-12

SAMPLE INFORMATION

Sample Name:	Geraniin 16071204	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:A,3	Acq. Method Set:	Geraniin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	220.0nm
Run Time:	22.0 Minutes	Proc. Chnl. Descr.:	PDA 220.0 nm
Date Acquired:	2016-7-12 12:40:12 CST		
Date Processed:	2016-7-12 17:19:27 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		11.899	7445	0.07	855328.94	
2		12.618	10682312	99.93	25698.62	2.76