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Certificate of Analysis

Product Name: Isomangiferin

Other Name:

Catalogue No.: BP0790

Batch No.: 14022304

Report date: 2014-02-23

CAS Number: 24699-16-9

Mol. Formula: C₁₉H₁₈O₁₁

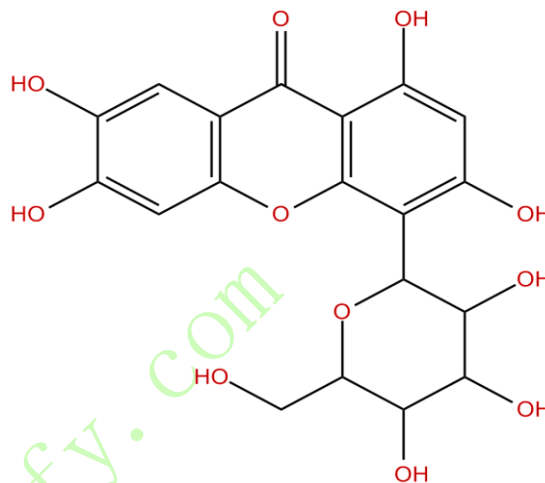
Mol. Weight: 422.342

Type of compound:

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%	1.4%
Purity (HPLC,255nm) *	≥98.0%	99.81%

* 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 (2016-02-22) under conditions list above.

QC: *Meng Pan*

Date: 2014-02-23

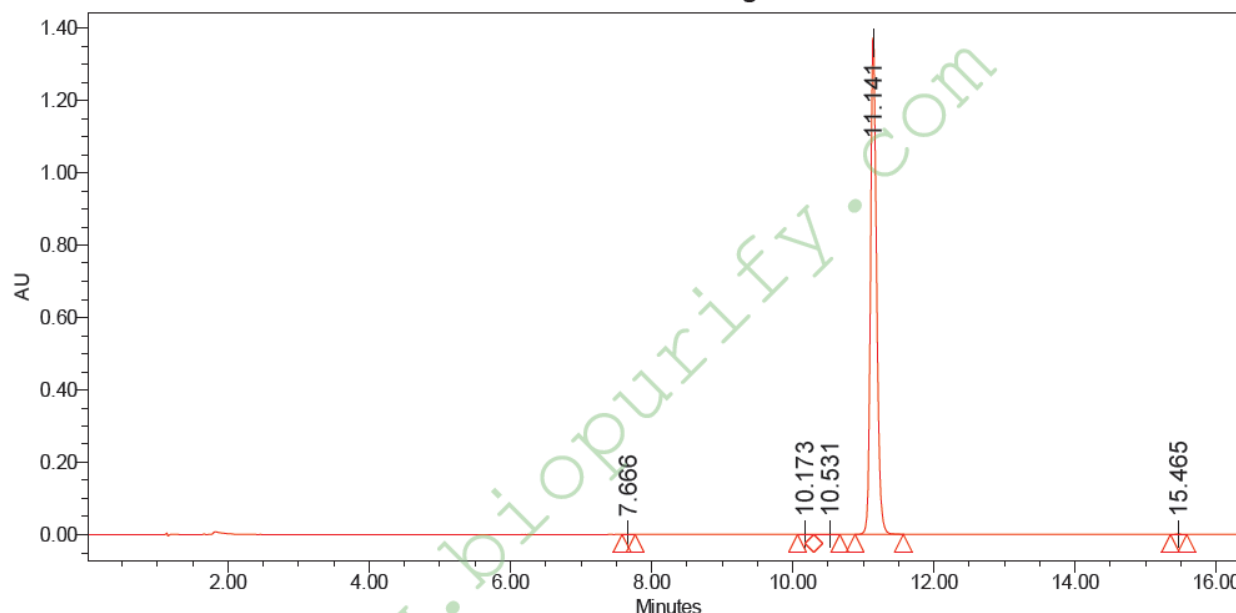
QA: *Lianglei Zhang*

Date: 2014-02-23

SAMPLE INFORMATION

Sample Name:	Isomangiferin 14022304	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:B,2	Acq. Method Set:	Isomangiferin
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	255.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 255.0 nm
Date Acquired: 2014-2-23 10:04:33 CST			
Date Processed: 2014-2-23 10:50:15 CST			

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		7.666	2687	0.03	34835	
2		10.173	1664	0.02	45721	13.47
3		10.531	4153	0.05	56227	1.74
4		11.141	8222946	99.81	82805	3.29
5		15.465	7507	0.09	130930	26.42