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Certificate of Analysis

Product Name: Mangiferin

Other Name:

Catalogue No.: BP0922

Batch No.: 14022214

Report date: 2014-02-22

CAS Number: 4773-96-0

Mol. Formula: C₁₉H₁₈O₁₁

Mol. Weight: 422.34

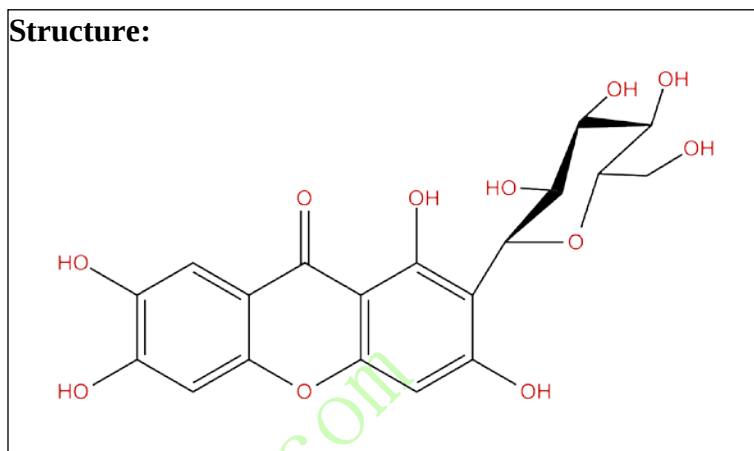
Botanical Source: Mangifera indica (mango) leaves

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%	1.0%
Purity (HPLC,257nm) *	≥98.0%	99.88%

* 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 (2016-02-21) under conditions list above.

QC: *Meng Pan*

Date: 2014-02-22

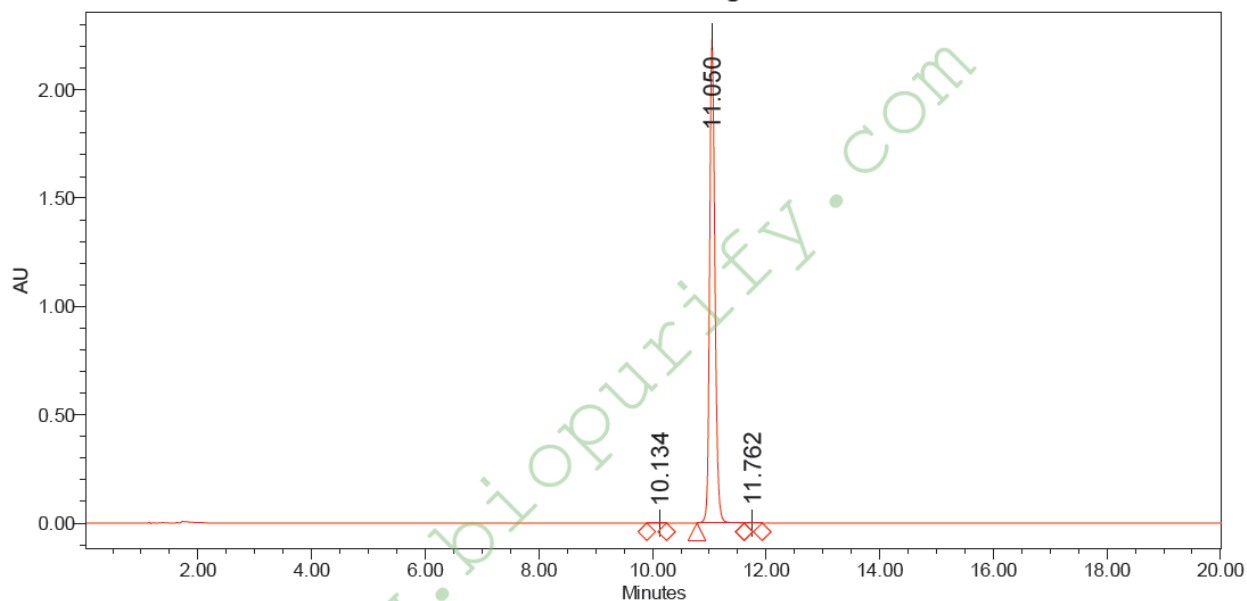
QA: *Lianglei Zhang*

Date: 2014-02-22

SAMPLE INFORMATION

Sample Name:	Mangiferin14022214	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:C,3	Acq. Method Set:	Mangiferin
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	257.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 257.0 nm
Date Acquired:	2014-2-22 15:02:47 CST		
Date Processed:	2014-2-22 16:16:32 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		10.134	4311	0.03	29225	
2		11.050	14442461	99.88	69459	3.56
3		11.762	13374	0.09	23467	4.13