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Certificate of Analysis

Product Name: Narirutin

Other Name: Naringenin-7-O-rutinoside

Catalogue No.: BP0985

Batch No.: 14090302

Reported Date: 2014-09-09

CAS Number: 14259-46-2

Mol. Formula: C₂₇H₃₂O₁₄

Mol. Weight: 580.539

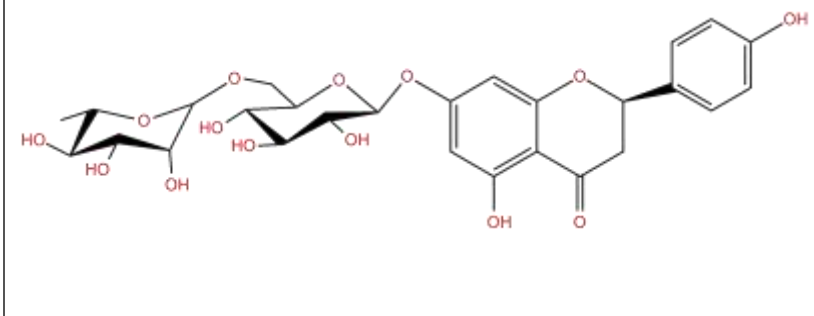
Botanical Source: Camellia sinensis

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,284nm)*	≥98.0%	99.51%

* 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 (2016-09-03) under conditions list above.

QC: *Meng Pan*

Date: 2014-09-09

QA: *Lianglei Zhang*

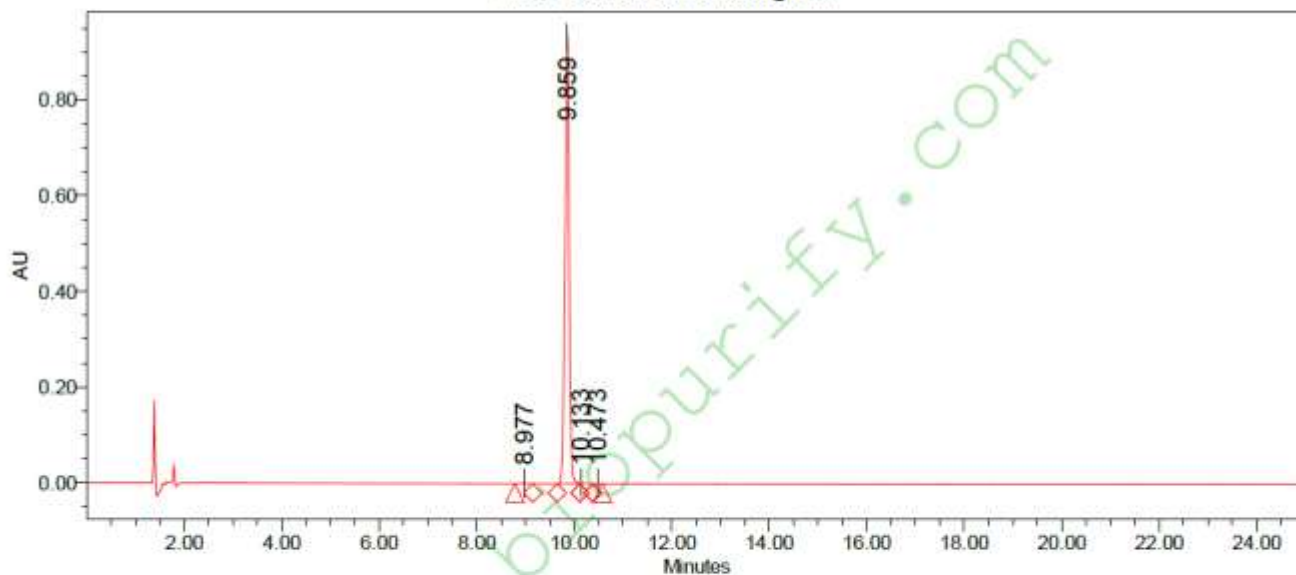
Date: 2014-09-09



SAMPLE INFORMATION

Sample Name:	Narirutin 14090302	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:A,2	Acq. Method Set:	Narirutin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	284.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 284.0 nm
Date Acquired:	2014-9-3 9:34:57 CST		
Date Processed:	2014-9-3 10:35:58 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		8.977	13907	0.25	81219.46	
2		9.859	5633515	99.51	64831.11	3.61
3		10.133	9487	0.17		1.64
4		10.473	4620	0.08	86632.72	1.67