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Certificate of Analysis

Product Name: Hesperidin

Other Name: Cirontin

Catalogue No.: BP0725

Batch No.: 14092403

Report date: 2014-09-24

CAS Number: 520-26-3

Mol. Formula: C₂₈H₃₄O₁₅

Mol. Weight: 610.565

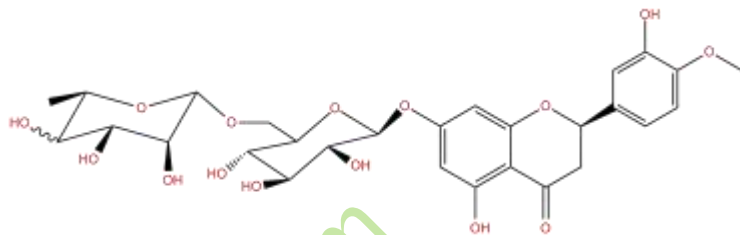
Botanical Source: Mentha longifolia

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Off-white powder	Off-white powder
Loss on drying	<5.0%	1.5%
Purity (HPLC, 284nm)*	≥95.0%	96.67%

* 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 (2016-09-24) under conditions list above.

QC: Meng Pan

Date: 2014-09-24

QA: Lianglei Zhang

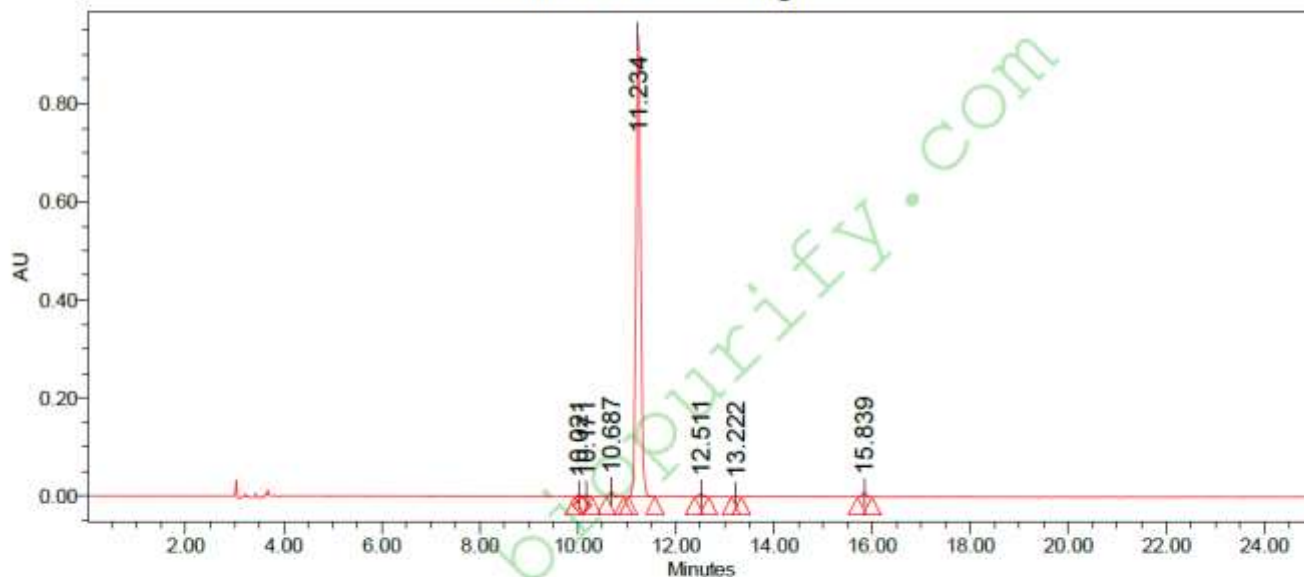
Date: 2014-09-24



SAMPLE INFORMATION

Sample Name:	Hesperidin 14092403	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:C,2	Acq. Method Set:	Hesperidin
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:	2014-9-24 11:00:21 CST		
Date Processed:	2014-9-24 15:37:28 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		10.021	13873	0.22	68428.83	
2		10.171	17445	0.27	54309.11	0.91
3		10.687	65417	1.02	79289.43	3.14
4		11.234	6188921	96.67	66796.25	3.20
5		12.511	43434	0.68	63173.64	6.81
6		13.222	9514	0.15	129801.98	3.75
7		15.839	63490	0.99	154759.80	14.03