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Certificate of Analysis

Product Name: Rhein-8-O-beta-D-glucopyranoside

Other Name:

Catalogue No.: BP1527

Batch No.: 14031301

Report date: 2014-03-13

CAS Number: 113443-70-2

Mol. Formula: C₂₁H₁₆CaO₁₁

Mol. Weight: 484.423

Botanical Source:

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Yellow powder	Yellow powder
Loss on drying	<3.0%	0.9 %
Purity (HPLC, 260nm)*	≥98.0%	98.35%

* 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 (2016-03-13) under conditions list above.

QC: *Meng Pan*

Date: 2014-03-13

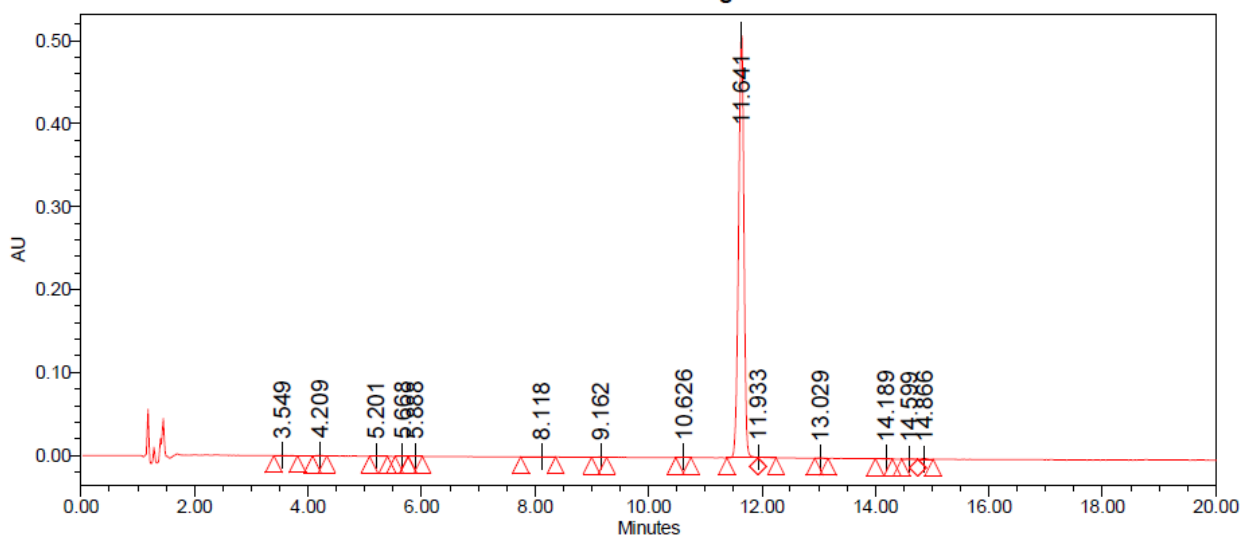
QA: *Lianglei Zhang*

Date: 2014-03-13

SAMPLE INFORMATION

Sample Name:	14031301	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:A,1	Acq. Method Set:	Rhein-8-O-β-D-glucopyranoside
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	260.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 260.0 nm
Date Acquired:	2014-3-13 9:24:21 CST		
Date Processed:	2014-3-13 9:57:34 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		3.549	4259	0.12	8116.91	
2		4.209	4780	0.14	10917.54	4.21
3		5.201	3058	0.09	7049.02	3.66
4		5.668	2859	0.08	19635.40	1.71
5		5.888	3427	0.10	5323.42	1.38
6		8.118	5219	0.15	9372.51	6.74
7		9.162	3573	0.10	74791.18	3.14
8		10.626	5497	0.16	32131.33	8.26
9		11.641	3357973	98.35	71328.26	5.50
10		11.933	8092	0.24		1.66
11		13.029	2976	0.09	34097.47	6.94
12		14.189	5035	0.15	47280.75	6.57

Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
13		14.599	2862	0.08	26471.16	1.90
14		14.866	4850	0.14	66390.62	1.24