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Certificate of Analysis

Product Name: Astilbin

Other Name:

Catalogue No.: BP0208

Batch No.: 14070401

Report date: 2014-07-04

CAS Number: 29838-67-3

Mol. Formula: C₂₁H₂₂O₁₁

Mol. Weight: 450.39

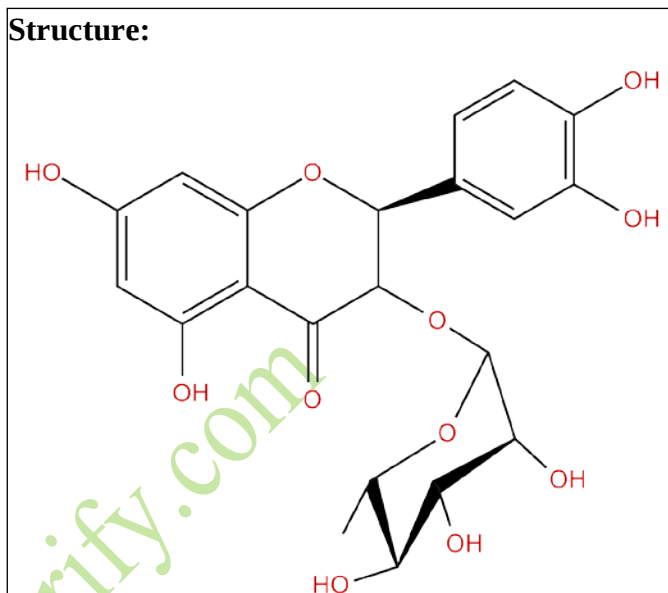
Botanical Source: Engelhardtia roxburghiana

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD/ELSD

Structure:



Analytical result:

Test	Specification	Results
Appearance	White Powder	White Powder
Loss on drying	<3.0%	1.1%
Purity (HPLC-ELSD)*	≥98.0%	99.77 %

* 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 (2016-07-03) under conditions list above.

QC: *Meng Pan*

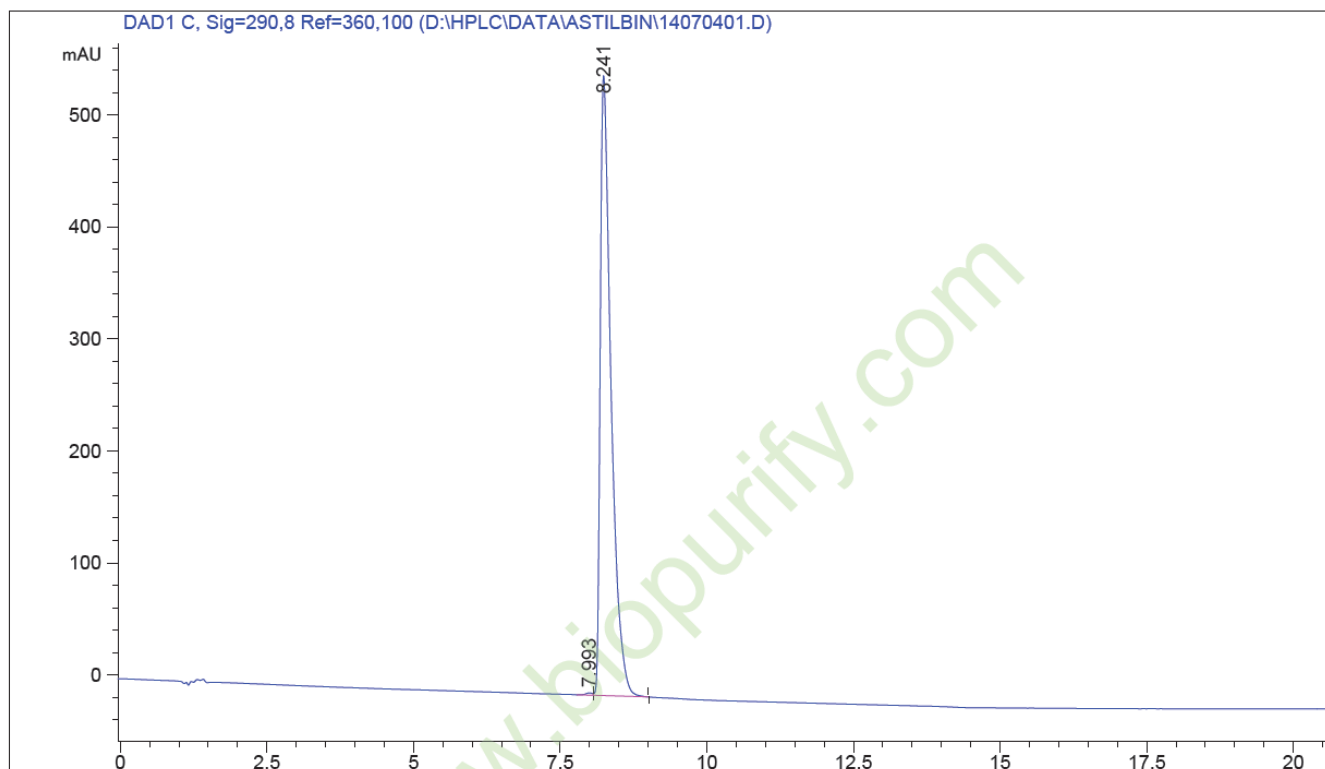
Date: 2014-07-04

QA: *Lianglei Zhang*

Date: 2014-07-04

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Acq. Operator   : QC
Acq. Instrument : Instrument 1
Injection Date  : 7/4/2014 1:16:04 PM
Location       : Vial 25
Inj Volume     : 15 µl

Acq. Method    : D:\HPLC\METHOD\ASTILBIN.M
Last changed   : 7/4/2014 1:10:00 PM by QC
                (modified after loading)
Analysis Method: D:\HPLC\METHOD\SHANZHISIDE METHYL ESTER.M
Last changed   : 7/4/2014 1:46:41 PM by QC
                (modified after loading)
Method Info    : Chengdu Biopurify Phytochemicals Ltd
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Area Percent Report
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Sorted By      : Signal
Multiplier     : 1.0000
Dilution       : 1.0000
Use Multiplier & Dilution Factor with ISTDs
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Signal 1: DAD1 C, Sig=290,8 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	7.993	BV	0.1222	15.95852	1.97577	0.2242
2	8.241	VBA	0.1877	7101.88721	553.58765	99.7758

Totals : 7117.84573 555.56342

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*** End of Report ***