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Certificate of Analysis

Product Name: Eleutheroside A

Other Name: Daucosterol

Catalogue No.: BP0524

Batch No.: 13071006

Report date: 2013-07-10

CAS Number: 474-58-8

Mol. Formula: C₃₅H₆₀O₆

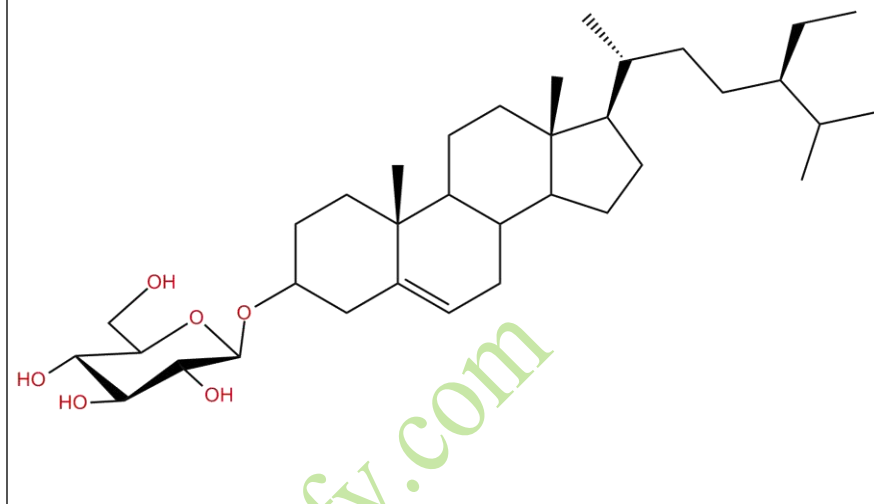
Mol. Weight: 576.859

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-ELSD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Off-white powder	Off-white powder
Loss on drying	<3.0%	1.4%
Purity (HPLC,ELSD)*	≥96.0%	96.1%

* 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 (2015-07-10) under conditions list above.

QC: *Meng Pan*

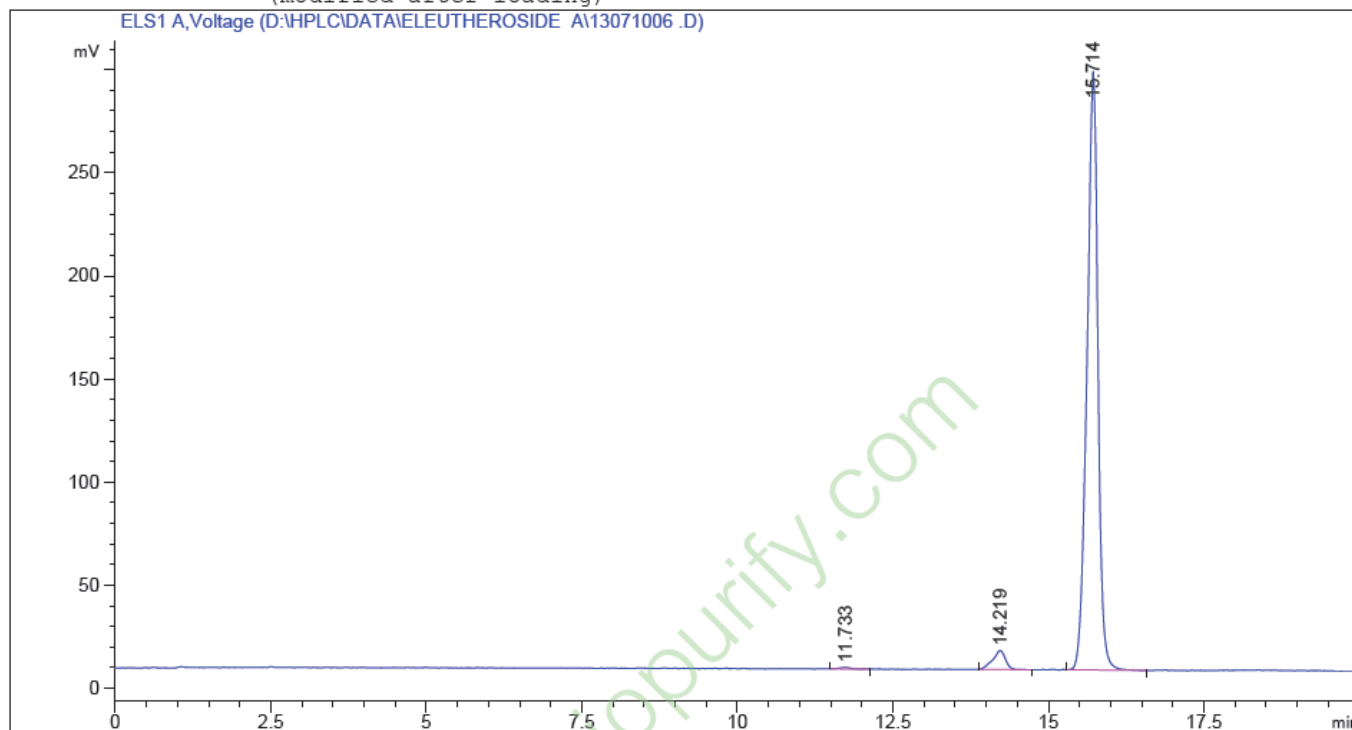
Date: 2013-07-10

QA: *Lianglei Zhang*

Date: 2013-07-10



Acq. Operator : yzq
Acq. Instrument : Instrument 1
Injection Date : 7/10/2013 1:32:54 PM
Location : Vial 43
Inj Volume : 10 µl
Acq. Method : D:\ELEUTHEROSIDE A.M
Last changed : 7/10/2013 1:30:22 PM by yzq
Analysis Method : D:\MOGROSIDE.M
Last changed : 7/10/2013 1:56:53 PM by yzq
(modified after loading)



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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

Signal 1: ELS1 A, Voltage

Peak #	RetTime [min]	Type	Width [min]	Area [mV*s]	Height [mV]	Area %
1	11.733	BB	0.2019	9.49205	7.59215e-1	0.2577
2	14.219	BB	0.2259	133.91440	9.19564	3.6363
3	15.714	BB	0.1992	3539.26587	288.44189	96.1059

Totals : 3682.67232 298.39675