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Certificate of Analysis

Product Name: Ginsenoside F3

Other Name:

Catalogue No.: BP0655

Batch No.: 13111801

Report Date: 2013-11-18

CAS Number: 62025-50-7

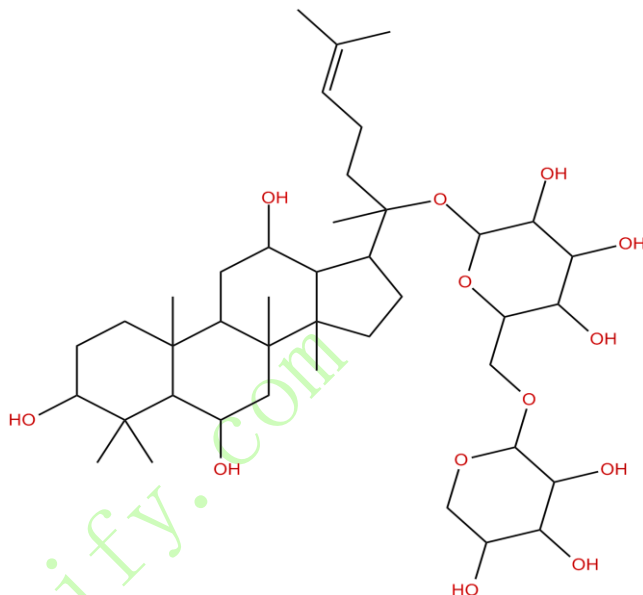
Mol. Formula: C₄₁H₇₀O₁₃

Mol. Weight: 770.998

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-ELSD

Structure:



Analytical result:

Test	Specification	Results
Appearance	White powder	White powder
Loss on drying	<3%	1.6%
Purity (HPLC-ELSD)*	≥98.0%	98.76%

* 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 (2015-11-18) under conditions list above.

QC: *Meng Pan*

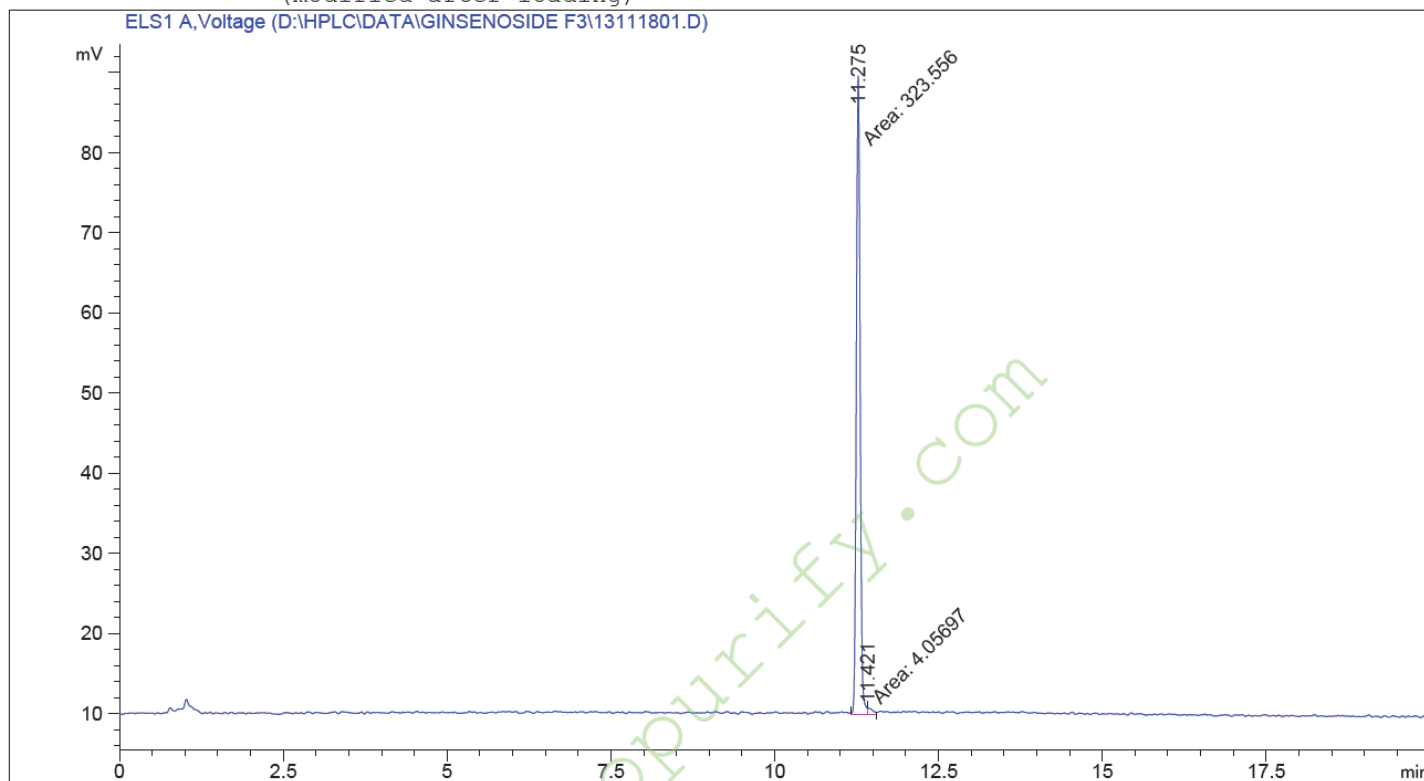
Date: 2013-11-18

QA: *Lianglei Zhang*

Date: 2013-11-18

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Acq. Operator   : yzq
Acq. Instrument : Instrument 1
Injection Date  : 11/18/2013 1:14:26 PM
Location       : Vial 11
Inj Volume     : 10 µl

Acq. Method    : D:\GINSENOSIDE F3.M
Last changed   : 11/18/2013 1:04:14 PM by yzq
Analysis Method: D:\YINXING.M
Last changed   : 11/18/2013 1:46:02 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
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Signal 1: ELS1 A, Voltage

Peak #	RetTime [min]	Type	Width [min]	Area [mV*s]	Height [mV]	Area %
1	11.275	MF	0.0675	323.55649	79.87333	98.7617
2	11.421	FM	0.0875	4.05697	7.72745e-1	1.2383

Totals : 327.61346 80.64607

*** End of Report ***