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Certificate of Analysis

Product Name: Silybin

Other Name: Silibinin; Silymarin

Catalogue No.: BP1305

Batch No.: PRF15111901

Report date: 2015-11-19

CAS Number: 22888-70-6

Mol. Formula: C₂₅H₂₂O₁₀

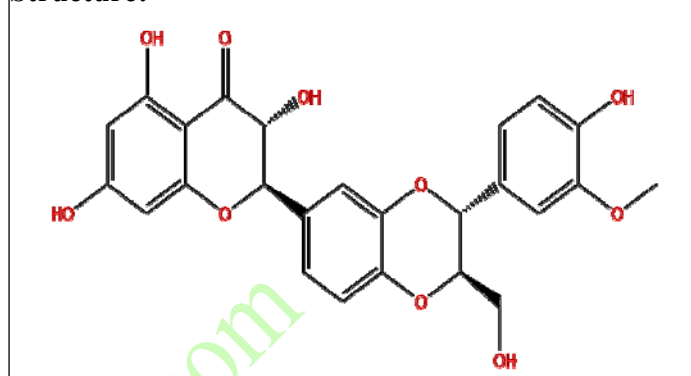
Mol. Weight: 482.436

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	off-white	off-white
Loss on drying	<3.0%	1.5%
Purity (HPLC,288nm)	≥98.0%	98.5%

* 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 (2017-11-18) under conditions list above.

QC: Meng Pan

Date: 2015-11-19

QA: Lianglei Zhang

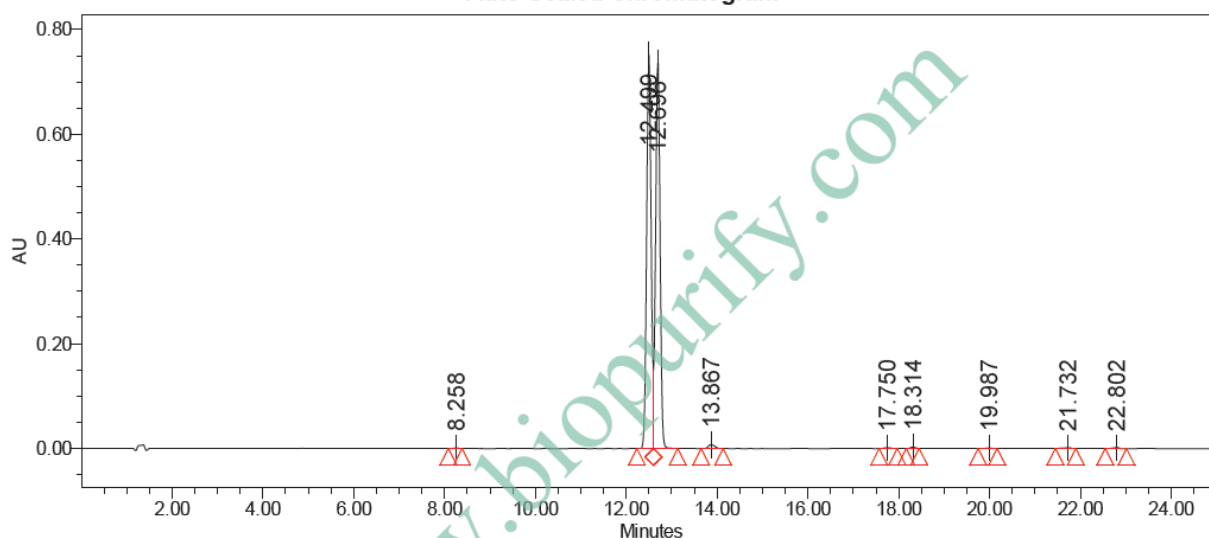
Date: 2015-11-19



SAMPLE INFORMATION

Sample Name:	Silybin PRF15111901	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	12	Acq. Method Set:	Silybin
Injection #:	1	Processing Method:	Samples
Injection Volume:	5.00 ul	Channel Name:	288.0nm
Run Time:	35.0 Minutes	Proc. Chnl. Descr.:	PDA 288.0 nm
Date Acquired:	2015-11-19 13:26:45 CST		
Date Processed:	2015-11-19 13:53:54 CST		

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	8.258	6449	0.06	36253.68	
2	12.499	5158549	49.66	73715.07	23.28
3	12.696	5077228	48.87	75467.29	1.03
4	13.867	72300	0.70	42753.77	5.18
5	17.750	13532	0.13	83552.24	15.33
6	18.314	18485	0.18	152340.87	2.61
7	19.987	7413	0.07	128896.50	5.65
8	21.732	16456	0.16	59701.69	4.69
9	22.802	18295	0.18	85726.79	3.33

Reported by User: System
Report Method: Chengdu
Report Method ID: 21691
Page: 1 of 1

Project Name: 2015
Date Printed:
2015-11-19
16:20:40 PRC