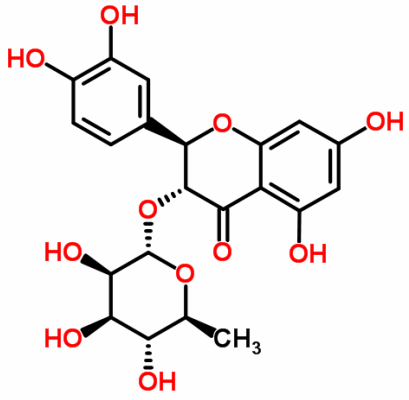


Certificate of Analysis

Product Name	Astilbin/ 落新婦苷	
Catalog Number	6044	
Lot Number	60443	

Chemical Name	Astilbin
Chemical Formula	C ₂₁ H ₂₂ O ₁₁
Chemical Family	Flavonoid
Molecular Weight	450.39
CAS Number	29838-67-3
Appearance (Color)	White
Appearance (Form)	Powder

Analytical Test

Test	Result
Identity by LC/MS Analysis	Consistent with structure
Purity by HPLC/DAD Analysis	≥ 98.0%

Storage Conditions:

Storage:	Refer to label
Before use:	Keep container tightly closed

TLCM certifies that this standard meets the specifications stated in this certificate and warrants this product to meet the stated criteria. Warranty does not apply after opening.

Date of Certificate: 29/05/2013

Product Analysis Report

Analytical Test

Test	Results
Identity by LC/MS Analysis	Consistent with structure
Purity by HPLC/DAD Analysis	≥ 98.0%

Spectral and Physical Data

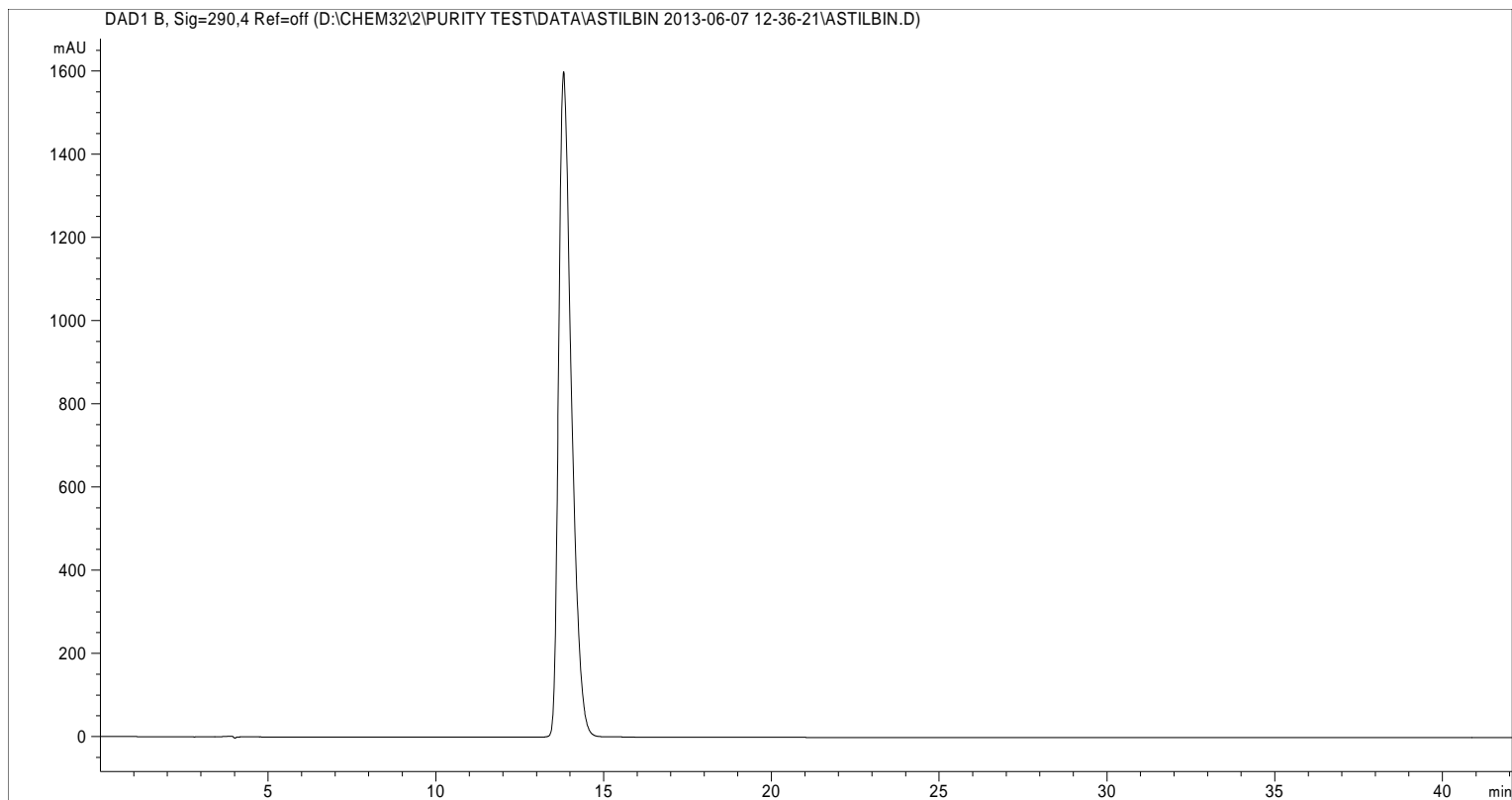
HPLC

HPLC system : Agilent Technologies 1200 Series
Column : Inertsil ODS-4 column, 4.6 x 250 mm, 5 μm
Injection volume : 10 μl
Detector : DAD
Detector wavelength : 290 nm
Flow rate : 1.0 mL/min
Mobile phase :

Time (min)	% 0.1% Phosphoric acid	% ACN	Flow rate (mL/min)
0 → 20	78	22	1.0

Date File Name : A2-D:\Chem32\2\purity test\data
Operator : DUAN Ran
Sample Lot Number : 60443
Method File : D:\Chem32\2\method\ASTILBIN
Acquired : 2013-05-29

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Astilbin	13.81	42444.2	99.48