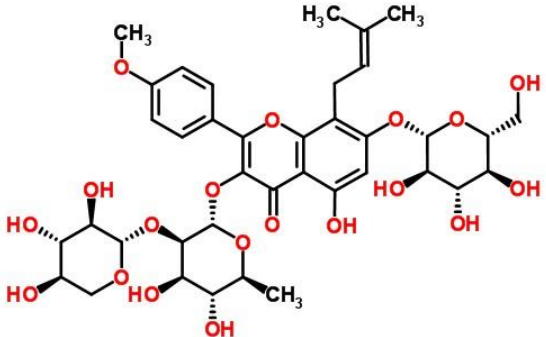


Certificate of Analysis

Product Name	Epimedin B/朝藿定 B	
Catalog Number	6009	
Lot Number	60091	

Chemical Name	Epimedin B
Chemical Formula	C ₃₈ H ₄₈ O ₁₉
Chemical Family	Flavonoids
Molecular Weight	808.78
CAS Number	110623-73-9
Appearance (Color)	Yellow
Appearance (Form)	Crystal

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: 04/03/2013

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

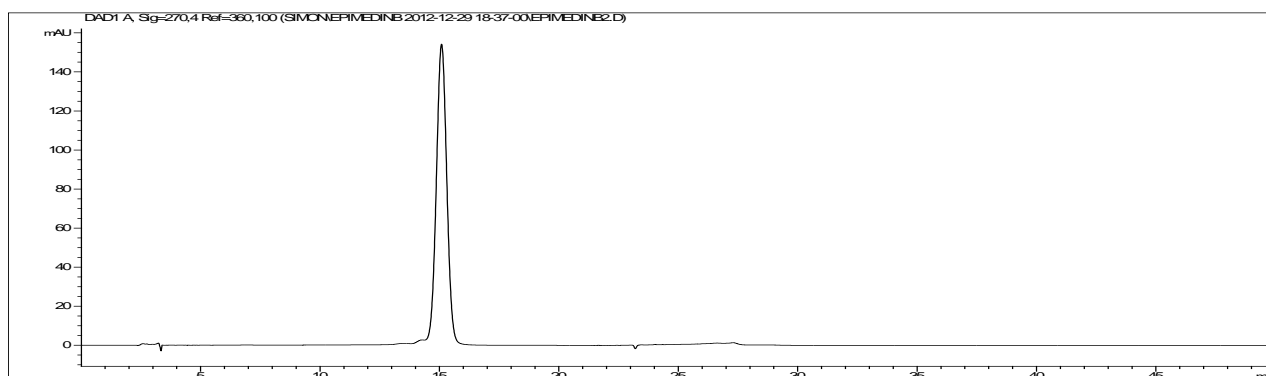
HPLC

HPLC system : Agilent Technologies 1200 Series
Column : Waters Symmetry, C18, 4.6 x 250 mm, 5 μm or equivalent
Injection volume : 10 μl
Detector : DAD
Detector wavelength : 270nm
Flow rate : 1.0 mL/min
Mobile phase :

Time (min)	% H ₂ O	% ACN	Flow rate (mL/min)
0 → 16	74	26	1.0
16 → 24	74 → 20	26 → 80	1.0
24 → 25	20 → 74	80 → 26	1.0
25 → 50	74	26	1.0

Date File Name : A2-D:\CHEM32\2\DATA\SIMON\EPIMEDINB
2012-12-29 18-37-00
Operator : DUAN Ran
Sample Lot Number : 60091
Method File : A2-D:\Chem32\1\METHODS\SIMON.M\EPIMEDINB.M
Acquired : 30/12/2012

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Epimedin B	15.088	4693.1	99.128