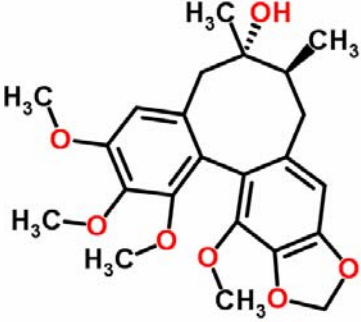


## Certificate of Analysis

Product Name	Gomisin A/ 五味子酯 A	
Catalog Number	8007	
Lot Number	80071	

Chemical Name	Gomisin A
Chemical Formula	C <sub>23</sub> H <sub>28</sub> O <sub>7</sub>
Chemical Family	Lignan
Molecular Weight	416.46
CAS Number	58546-54-6
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: 01/02/2013

## Product Analysis Report

### Analytical Test

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

### Spectral and Physical Data

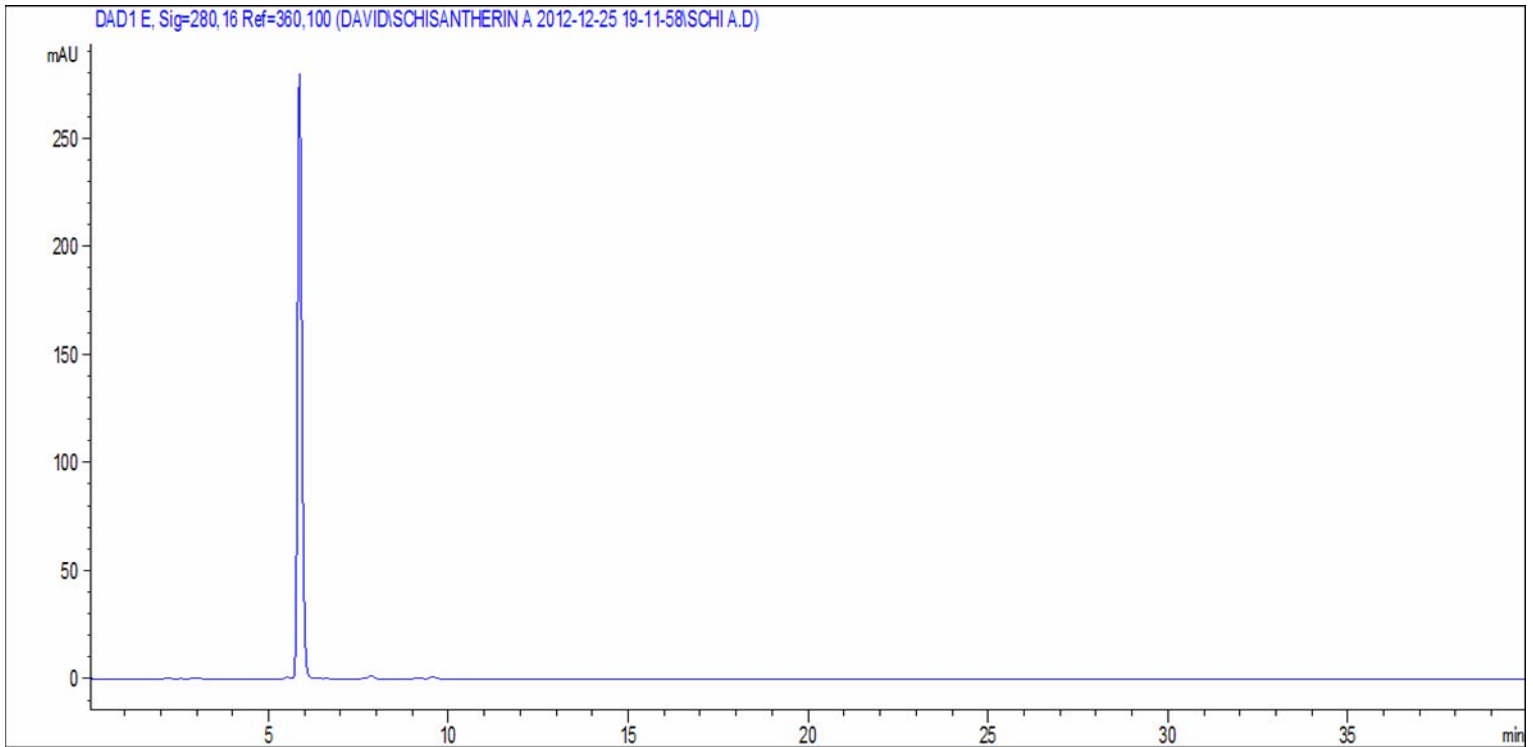
#### HPLC

HPLC system : Agilent 1200 series  
Column : Inertsil, C18, 4.6 x 250 mm, 5µm or equivalent  
Injection volume : 10 µl  
Detector : DAD  
Detector wavelength : 280 nm  
Flow rate : 1.0 mL/min  
Mobile phase :

Time (min)	5% Acetic acid	% ACN	Flow rate (mL/min)
0 → 40	40	60	1.0

Date File Name : A5-C:\CHEM32\1\DATA\DAVID\GOMISIN A  
2012-12-25\ GOMISIN A.D  
Operator : DUAN Ran  
Sample Lot Number : 80071  
Method File : GOMISIN A  
Acquired : 25/12/2012

**I. HPLC chromatogram**



<b>Product</b>	<b>RT (min)</b>	<b>Area (mAu*s)</b>	<b>Relative Area %</b>
<b>Gomisin A</b>	<b>5.861</b>	<b>2300.5</b>	<b>99.311</b>