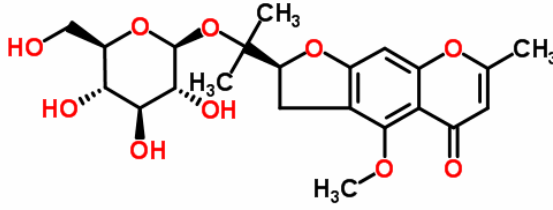


## Certificate of Analysis

<b>Product Name</b>	5-O-Methylvisammioside / 5-O-甲基維斯阿米醇苷	
<b>Catalog Number</b>	4001	
<b>Lot Number</b>	40011	

<b>Chemical Name</b>	<b>5-O-Methylvisammioside</b>
<b>Chemical Formula</b>	<b>C<sub>22</sub>H<sub>28</sub>O<sub>10</sub></b>
<b>Chemical Family</b>	<b>Chromone</b>
<b>Molecular Weight</b>	<b>452.45</b>
<b>CAS Number</b>	<b>84272-85-5</b>
<b>Appearance (Color)</b>	<b>White</b>
<b>Appearance (Form)</b>	<b>Powder</b>

### Analytical Test

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

### Storage Conditions:

<b>Storage:</b>	<b>Refer to label</b>
<b>Before use:</b>	<b>Keep container tightly closed</b>

*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

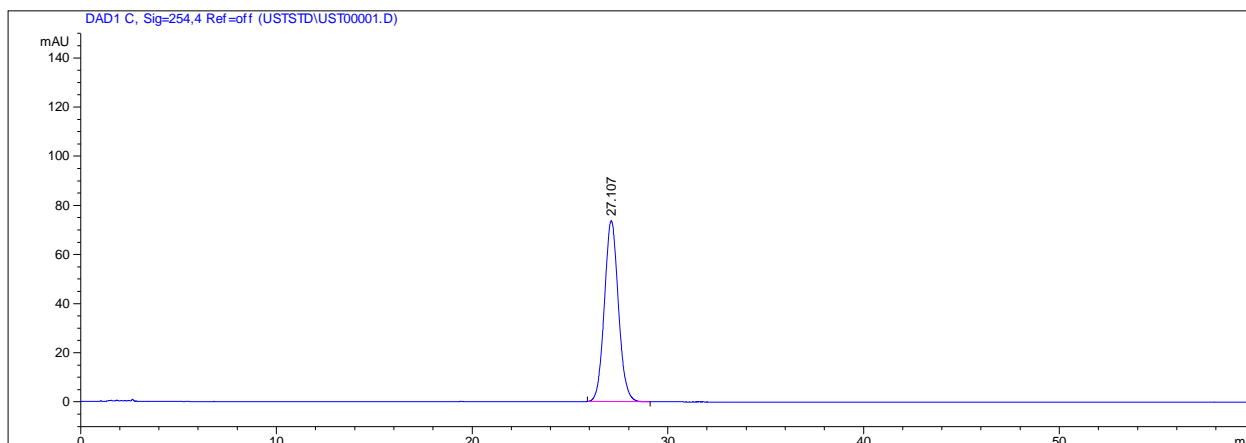
#### HPLC

HPLC system : Agilent 1100 series  
Column : Grace Alltima C18 column, 4.6 mm × 250 mm, 5-μm  
Injection volume : 10 μL  
Detector : Diode array detector  
Detector wavelength : 254 nm  
Flow rate : 1.0 mL/min  
Mobile phase :

Time (min)	% MeOH	% Water	Flow rate (mL/min)
0-60	40	60	1.0

Date File Name : C:\CHEM\1\DATA\USTSTD\UST00001.D  
Operator : Kiki  
Sample Lot Number : 40011  
Method File : C:\CHEM\1\METHODS\C184.M  
Acquired : 07/12/2012

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
5-O-Methylvisammioside	27.107	3657.2	100.0