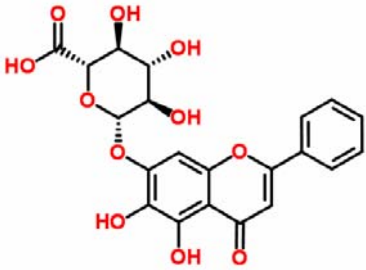


## Certificate of Analysis

Product Name	Baicalin/ 黄芩苷	
Catalog Number	6002	
Lot Number	60025	

Chemical Name	Baicalin
Chemical Formula	C <sub>21</sub> H <sub>18</sub> O <sub>11</sub>
Chemical Family	Flavonoid
Molecular Weight	446.36
CAS Number	21967-41-9
Appearance (Color)	Yellow
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: 11/06/2013

## 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

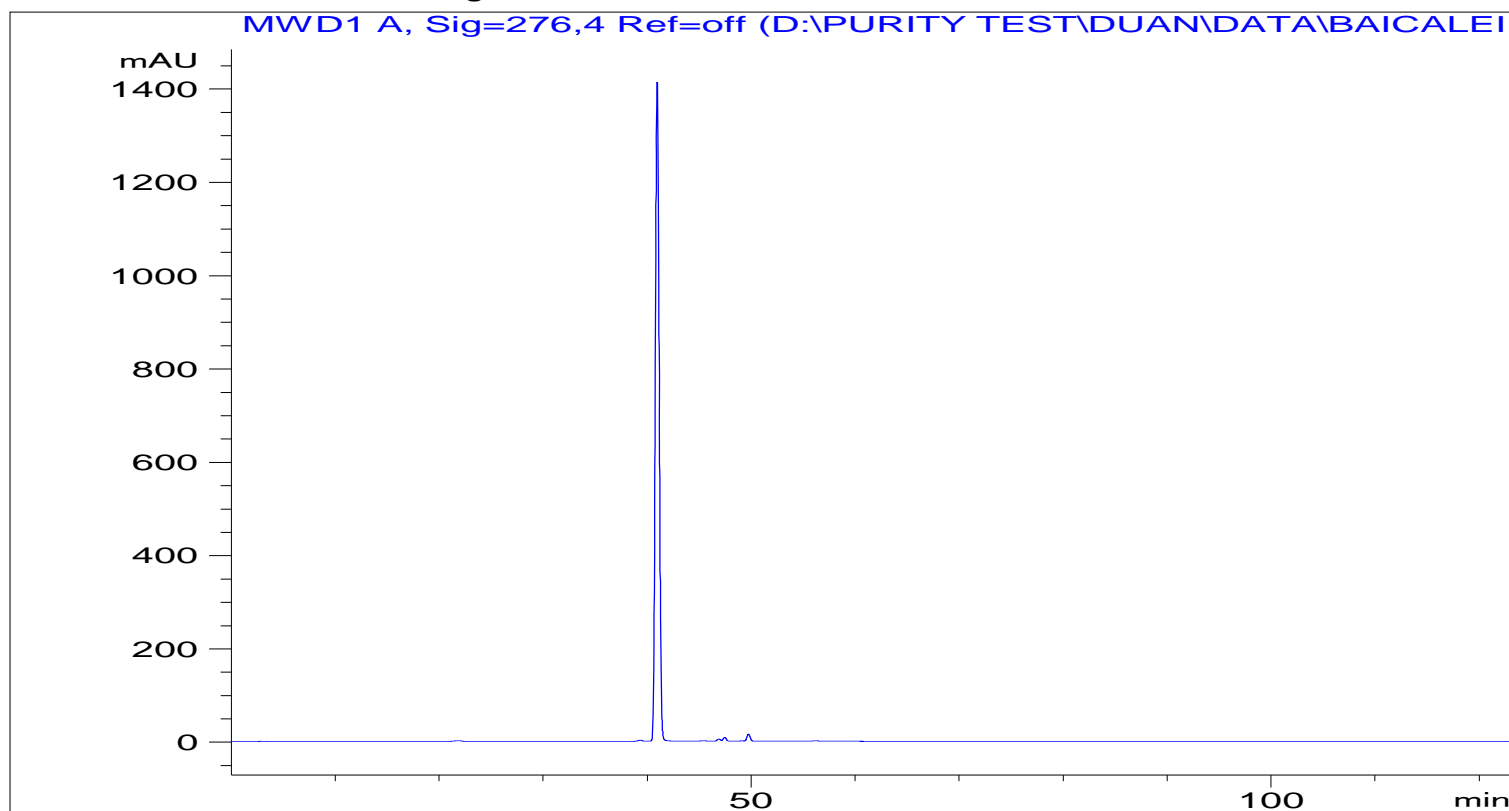
#### HPLC

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 : 276 nm  
Flow rate : 1.0 mL/min  
Mobile phase :

Time (min)	% 0.1% Phosphoric acid	% MeOH	Flow rate (mL/min)
0 → 25	60	40	1.0
25 → 45	60 → 40	40 → 60	1.0
45 → 60	40	60	1.0

Date File Name : A3-D:\Chem32\2\purity test\data  
Operator : DUAN Ran  
Sample Lot Number : 60025  
Method File : D:\Chem32\2\method\BAICALEIN  
Acquired : 2013-06-11

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Baicalin	40.97	36412.9	98.25