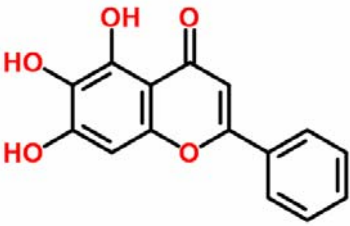


Certificate of Analysis

Product Name	Baicalein/ 黄芩素	
Catalog Number	6045	
Lot Number	60455	

Chemical Name	Baicalein
Chemical Formula	C ₁₅ H ₁₀ O ₅
Chemical Family	Flavonoid
Molecular Weight	270.24
CAS Number	491-67-8
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

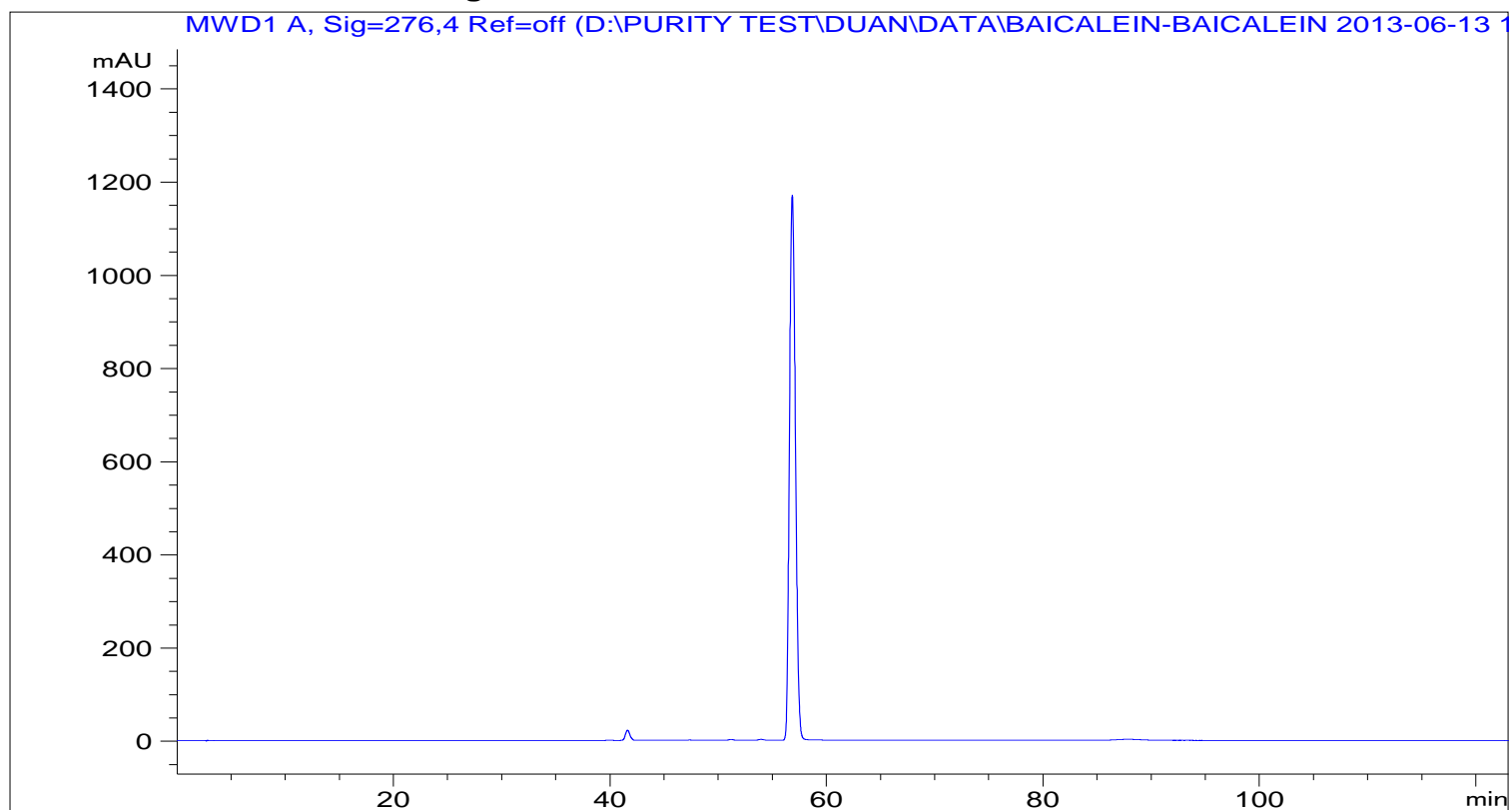
HPLC

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 : 60455
Method File : D:\Chem32\2\method\BAICALEIN
Acquired : 2013-06-11

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Baicalein	56.84	44897.3	98.52