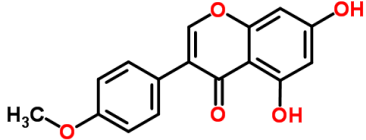


Certificate of Analysis

Product Name	Biochanin A / 鷹嘴豆芽素 A	
Catalog Number	6003	
Lot Number	60031	

Chemical Name	Biochanin A
Chemical Formula	C ₁₆ H ₁₂ O ₅
Chemical Family	Flavonoids
Molecular Weight	284.26
CAS Number	491-80-5
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: 22/08/2013

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

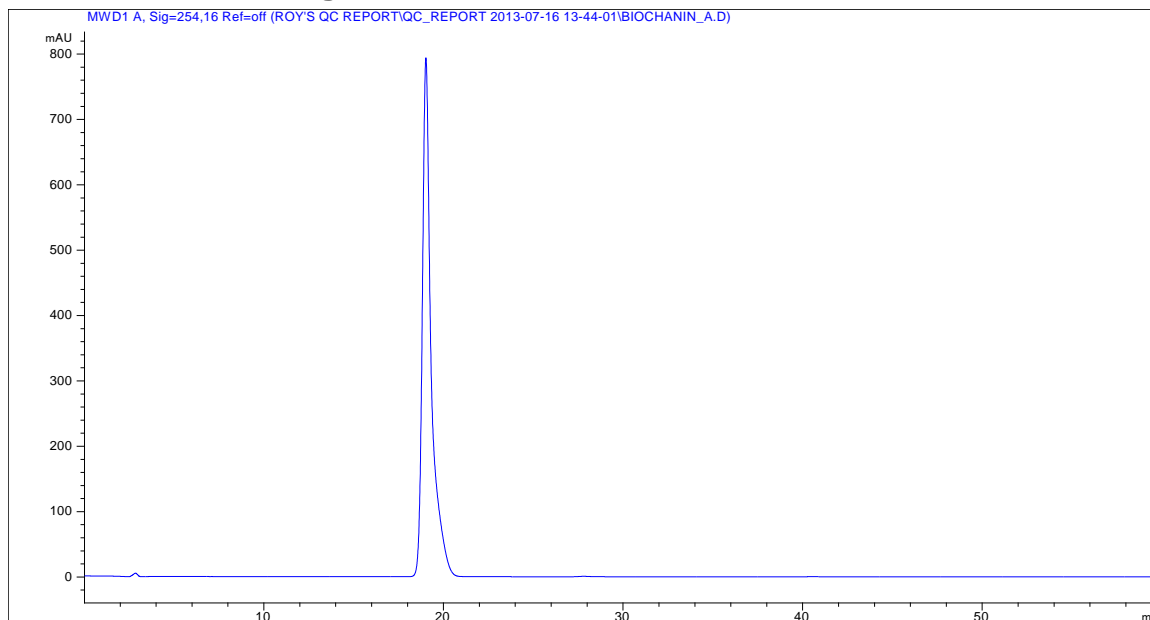
HPLC

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

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

Date File Name : A4-C:\CHEM32\1\DATA\ROY'S QC
REPORT\QC_REPORT 2013-07-16 13-44-01\BIOCHANIN_A.D
Operator : DUAN Ran
Sample Lot Number : 60031
Method File : BIOCHANIN_A.M
Acquired : 16/07/2013

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Biochanin A	19.029	27354.8	100.000