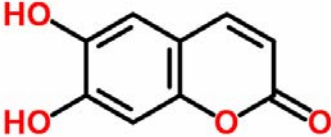


Certificate of Analysis

Product Name	Aesculetin/ 秦皮乙素	
Catalog Number	5001	
Lot Number	50011	

Chemical Name	Aesculetin
Chemical Formula	C ₉ H ₆ O ₄
Chemical Family	Coumarin
Molecular Weight	178.142
CAS Number	305-01-1
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/DAD Analysis	≥98.0%

Spectral and Physical Data

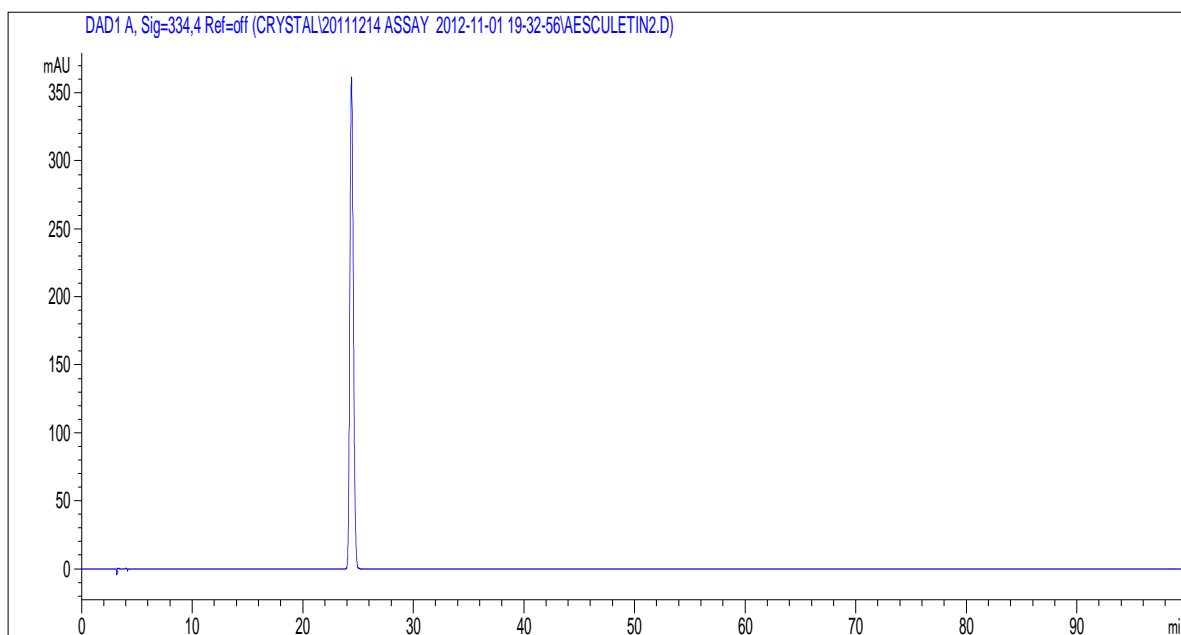
HPLC

HPLC system : Agilent 1200 series
Column : Inertsil, C18, 4.6 x 250 mm, 5µm or equivalent
Injection volume : 5 µl
Detector : DAD
Detector wavelength : 334 nm
Flow rate : 1.0 mL/min
Mobile phase :

Time (min)	% H2O	% MEOH	Flow rate (mL/min)
0	92	8	1.0
30	87	13	1.0
30 → 150	87	13	1.0

Date File Name : A5-C:\CHEM32\1\DATA\CRYSTAL\ 2011-12-14 ASSAY
2012-11-01 19-32-56\ AESCULETIN2.D
Operator : DUAN Ran
Sample Lot Number : 50011
Method File : ESCULIN AESCULETIN MARKER CHECKING
Acquired : 01/11/2012

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Aesculetin	24.408	7947	100.00