

## Certificate of Analysis

Product Name	Ellagic acid/鞣花酸	
Catalog Number	9035	
Lot Number	90358	

Chemical Name	Ellagic acid
Chemical Formula	C <sub>14</sub> H <sub>6</sub> O <sub>8</sub>
Chemical Family	Phenol
Molecular Weight	302.197
CAS Number	476-66-4
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: 31/10/2013

## 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

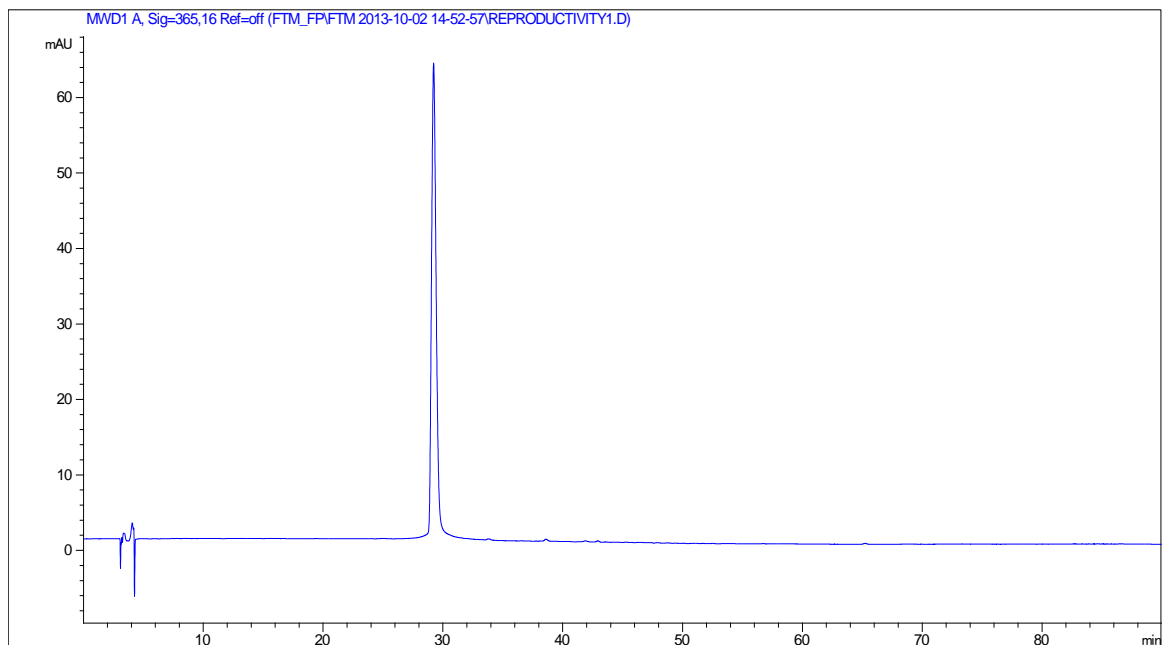
#### HPLC

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

Time (min)	% 0.2% Formic acid	% ACN	Flow rate (mL/min)
0 → 20	85	15	1.0
20 → 40	85 → 70	15 → 30	1.0
40 → 60	70 → 50	30 → 50	1.0

Date File Name : A3-C:\CHEM32\1\DATA\FTM\_FP\FTM 2013-10-02  
14-52-57\REPRODUCTIVITY1.D  
Operator : DUAN Ran  
Sample Lot Number : 90358  
Method File : FTM\_FP2.M  
Acquired : 02/10/2013

### I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Ellagic acid	29.225	1734.2	98.924