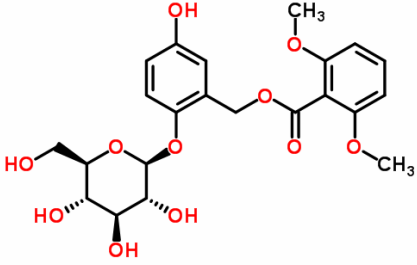


Certificate of Analysis

Product Name	Curculigoside/ 仙茅苷	
Catalog Number	9031	
Lot Number	90313	

Chemical Name	Curculigoside
Chemical Formula	C₂₂H₂₆O₁₁
Chemical Family	Phenol
Molecular Weight	466.44
CAS Number	85643-19-2
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: 29/05/2013

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

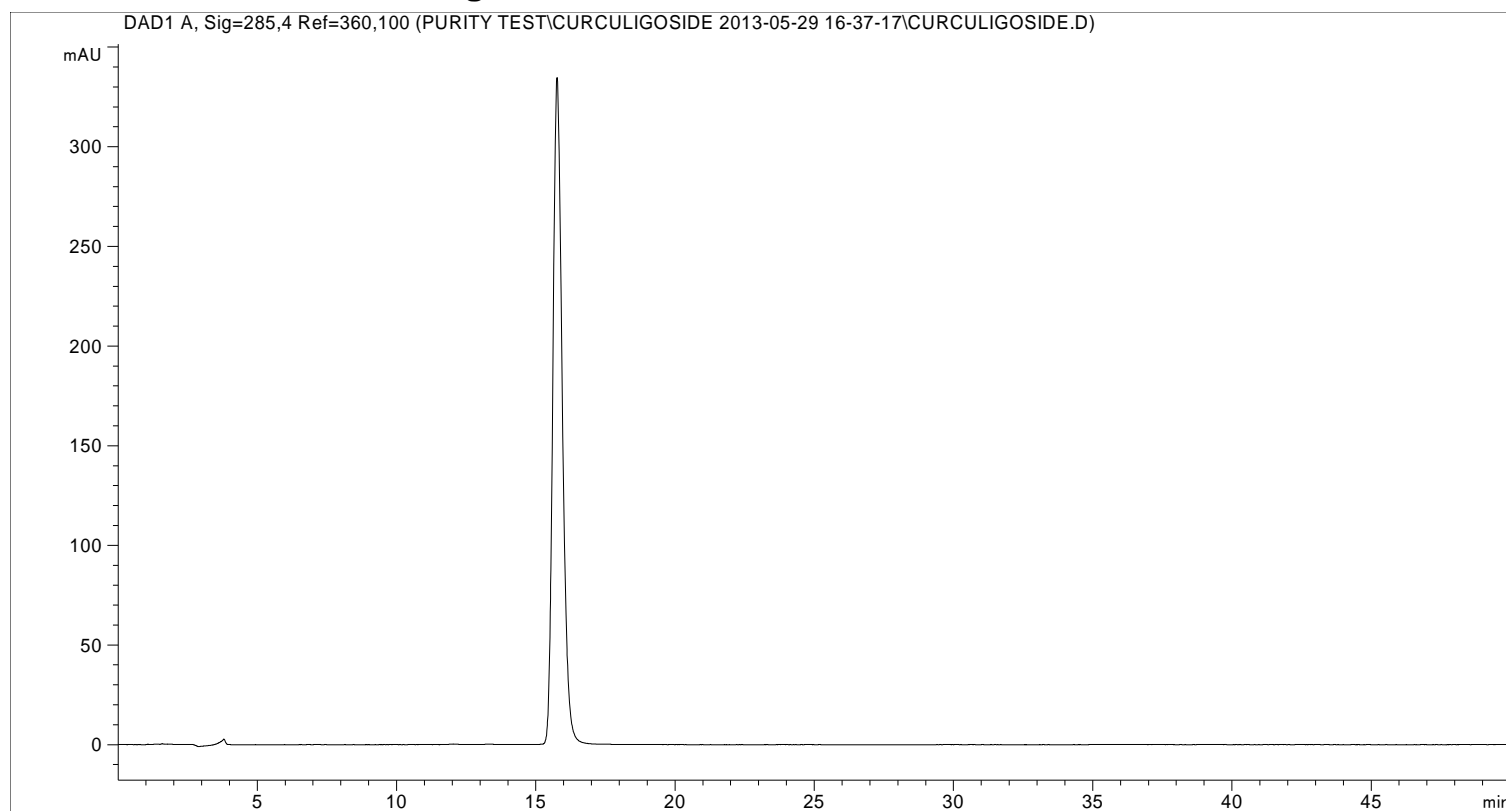
HPLC

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

Time (min)	% H ₂ O	% ACN	Flow rate (mL/min)
0 → 25	78	22	1.0

Date File Name : A1-D:\Chem32\data\purity test
Operator : DUAN Ran
Sample Lot Number : 90313
Method File : D:\Chem32\1\method\CURCULIGOSIDE
Acquired : 2013-05-29

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Curculigoside	15.77	7843.8	99.54