

Certificate of Analysis

Product Name	Evodiamine /吳茱萸鹼	
Catalog Number	1010	
Lot Number	10101	

Chemical Name	Evodiamine
Chemical Formula	C ₁₉ H ₁₇ N ₃ O
Chemical Family	Alkaloids
Molecular Weight	303.36
CAS Number	518-17-2
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: 15/01/2014

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

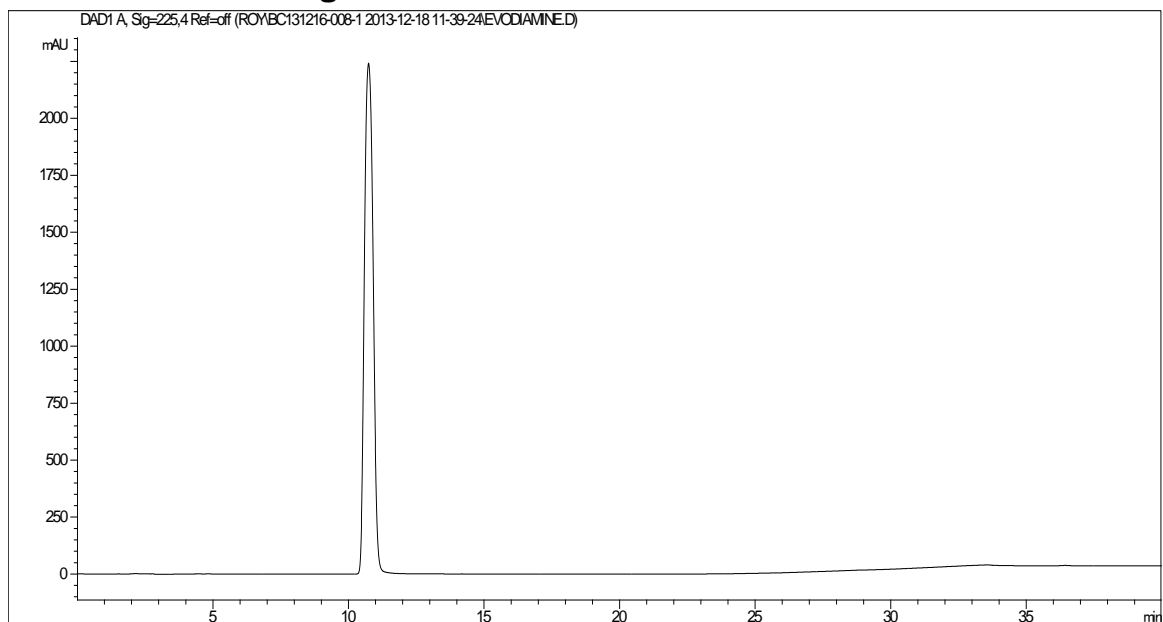
HPLC

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

Time (min)	% H ₂ O	% ACN	Flow rate (mL/min)
0 → 20	45	55	1.0
20 → 30	45 → 0	55 → 100	1.0

Date File Name : A1-C:\CHEM32\1\DATA\ROY\BC 13 12 16-008-1
2013-12-18 11-39-24\EVODIAMINE.D
Operator : DUAN Ran
Sample Lot Number : 10101
Method File : EVODIAMINE.M
Acquired : 18/12/2013

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Evodiamine	10.741	50130.1	98.317