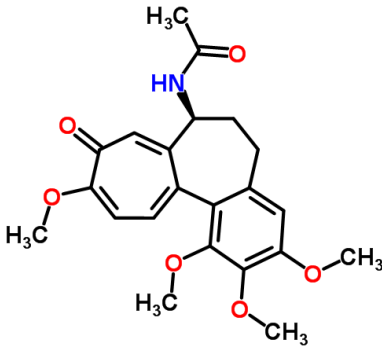


Certificate of Analysis

Product Name	Colchicine /秋水仙鹼	
Catalog Number	1054	
Lot Number	10541	

Chemical Name	Colchicine
Chemical Formula	C ₂₂ H ₂₅ NO ₆
Chemical Family	Alkaloid
Molecular Weight	399.437
CAS Number	64-86-8
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: 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

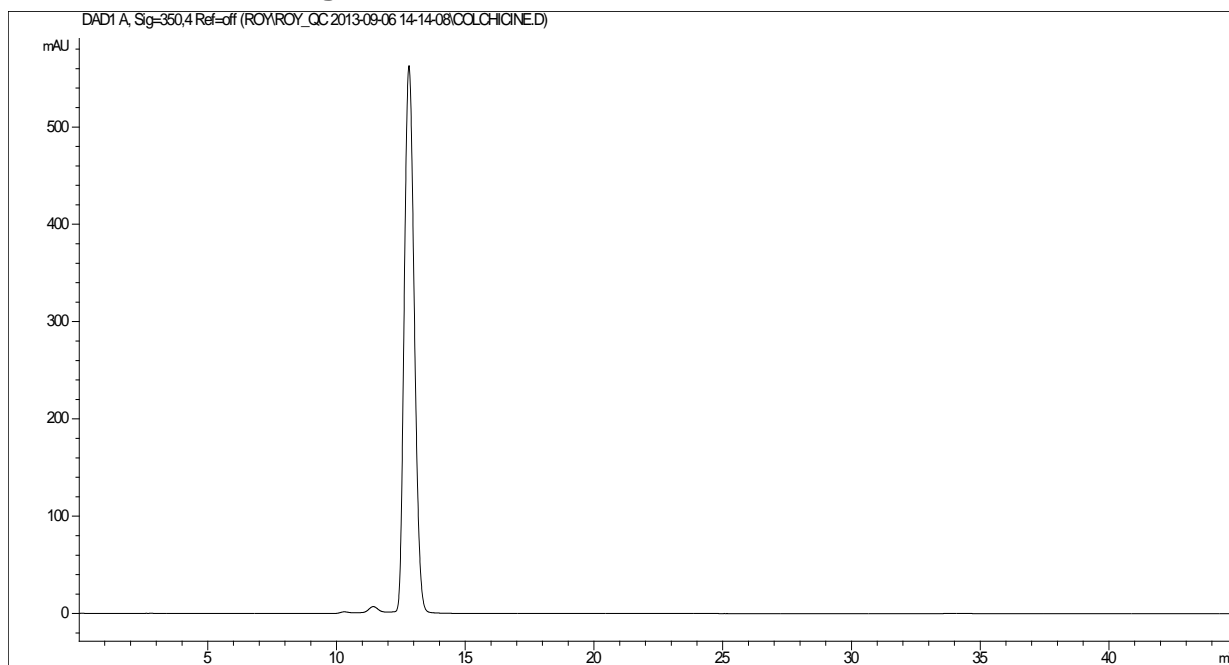
HPLC

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

Time (min)	% 0.5% KH ₂ PO ₄	% MeOH	Flow rate (mL/min)
0 → 30	50	50	1.0

Date File Name : A1-C:\CHEM32\1\DATA\ROY\ROY_QC 2013-09-06
14-14-08\COLCHICINE.D
Operator : DUAN Ran
Sample Lot Number : 10541
Method File : COLCHICINE.M
Acquired : 06/09/2013

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Colchicine	12.815	15141.7	99.082