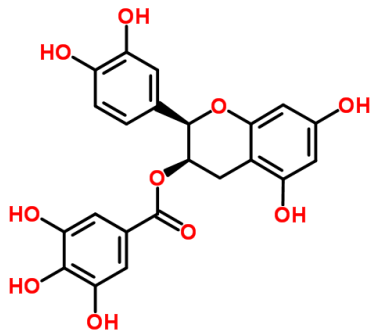


Certificate of Analysis

Product Name	Epicatechin gallate (ECG) /表兒茶素沒食子酸酯	
Catalog Number	6007	
Lot Number	60071	

Chemical Name	Epicatechin gallate (ECG)
Chemical Formula	C ₂₂ H ₁₈ O ₁₀
Chemical Family	Flavonoids
Molecular Weight	442.38
CAS Number	1257-08-5
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: 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

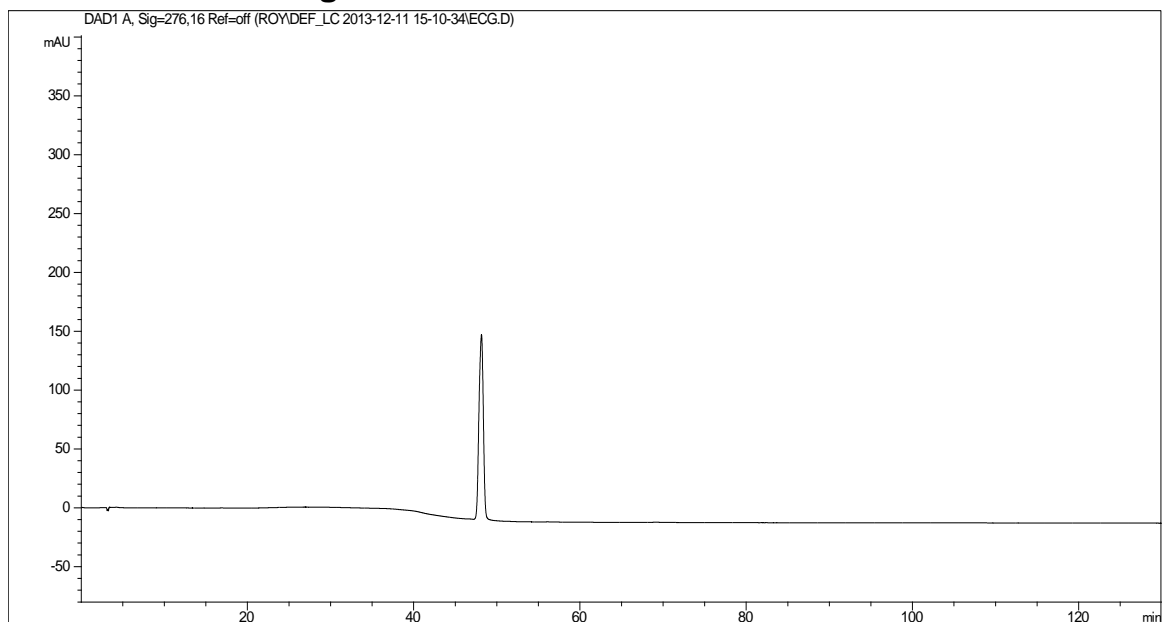
HPLC

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

Time (min)	% 0.2% Acetic Acid	% ACN	Flow rate (mL/min)
0 → 130	86	14	1.0

Date File Name : A1-C:\CHEM32\1\DATA\ROY\DEF_LC2013-12-11
15-10-34\ECG.D
Operator : DUAN Ran
Sample Lot Number : 60071
Method File : ECG.M
Acquired : 11/12/2013

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Epicatechin gallate	48.155	5749.9	100.000