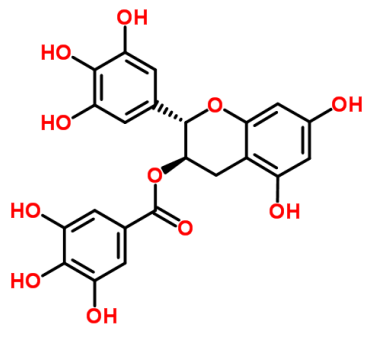


Certificate of Analysis

Product Name	Gallocatechin gallate (GCG) / 沒食子兒茶素沒食子酸酯	
Catalog Number	6011	
Lot Number	60111	

Chemical Name	Gallocatechin gallate (GCG)
Chemical Formula	C ₂₂ H ₁₈ O ₁₁
Chemical Family	Flavonoids
Molecular Weight	458.37
CAS Number	4233-96-9
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

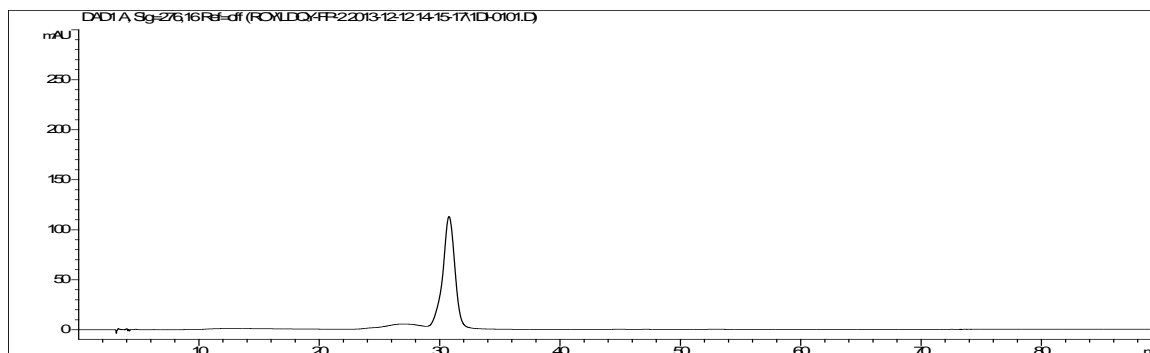
HPLC

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 → 90	86	14	1.0

Date File Name : A1-C:\CHEM32\1\DATA\ROY\LDQY-FP-2 2013-12-12
14-15-17\1DI-0101.D
Operator : DUAN Ran
Sample Lot Number : 60111
Method File : ECG.M
Acquired : 12/12/2013

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Gallocatechin gallate	30.777	7650.6	100.000