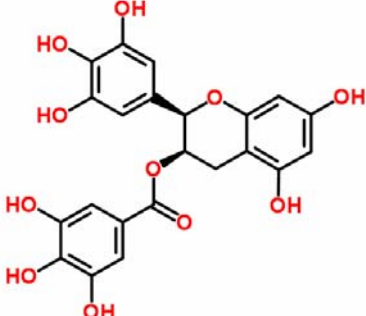


Certificate of Analysis

Product Name	Epigallocatechin gallate (EGCG)/ 表沒食子兒茶素沒食子 酸酯	
Catalog Number	6008	
Lot Number	60081	

Chemical Name	Epigallocatechin gallate (EGCG)
Chemical Formula	C ₂₂ H ₁₈ O ₁₁
Chemical Family	Flavonoid
Molecular Weight	458.38
CAS Number	989-51-5
Appearance (Color)	White
Appearance (Form)	Powder

Analytical Test

Test	Result
Identity by LC/MS Analysis	Consistent with structure
Purity by HPLC-ELSD 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: 28/01/2013

Product Analysis Report

Analytical Test

Test	Results
Identity by LC/MS Analysis	Consistent with structure
Purity by HPLC-ELSD Analysis	≥98.0%

Spectral and Physical Data

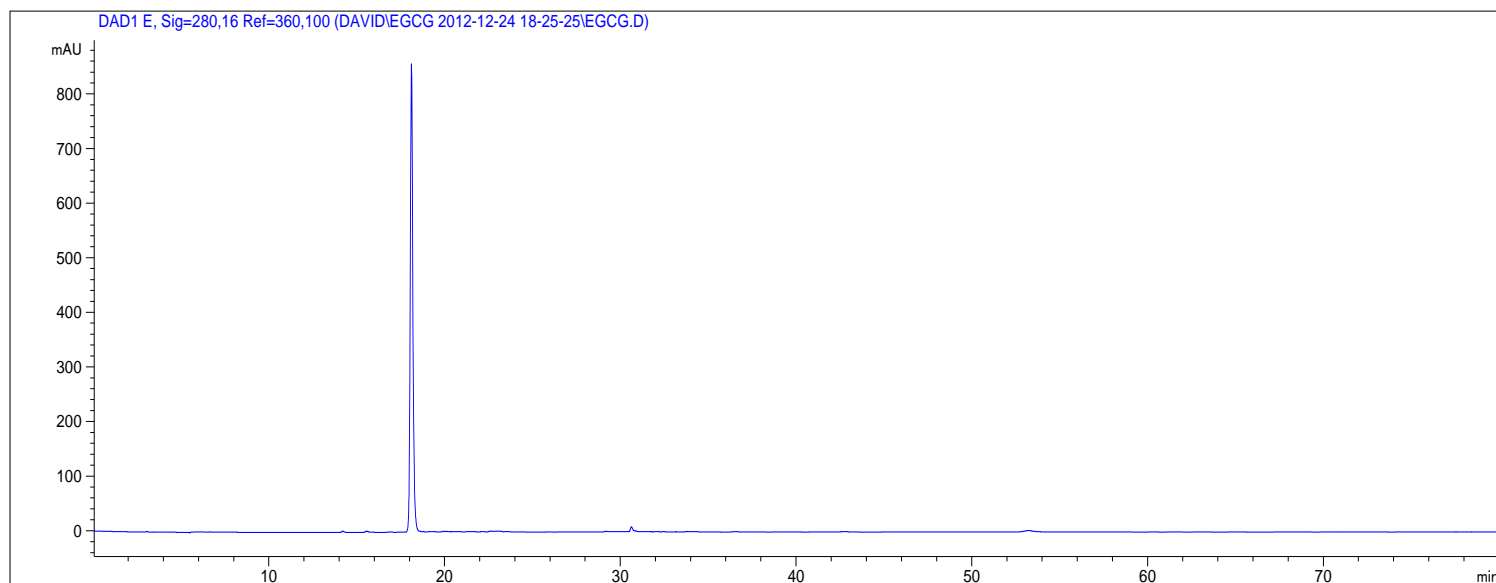
HPLC

HPLC system : Agilent Technologies 1200 Series
Column : Inertsil, C18, 4.6 x 250 mm, 5 μ m or equivalent
Injection volume : 10 μl
Detector : DAD
Detector wavelength : 280 nm
Flow rate : 1.0 mL/min
Mobile phase :

Time (min)	% 3% Acetic acid	% MEOH	Flow rate (mL/min)
0 → 1	100	0	1.0
1 → 27	100 → 37	0 → 63	1.0
27 → 80	37	63	1.0

Date File Name : STP45
Operator : XIN GZ
Sample Lot Number : 60081
Method File : 00xin
Acquired : 10/12/2012

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Epigallocatechin gallate (EGCG)	18.118	8803.6	97.227