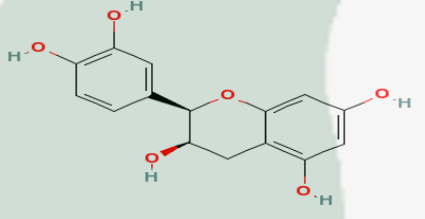


PRODUCT ID	E-0113	<p>Structure</p> 
PRODUCT	Epicatechin /表儿茶素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17042831	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2017-04-28	
DATE OF REPORT	2017-04-28	

CHEMICAL NAME	(2R,3R)-2-(3,4-dihydroxyphenyl)chroman-3,5,7-triol
OTHER NAME	EC, Epicatechol
CHEMICAL FORMULA	C ₁₅ H ₁₄ O ₆
MOLECULAR WEIGHT(MW)	290.26806
CAS NUMBER	490-46-0
CHEMICAL FAMILY	Catechins,Tannins
FROM	Acacia catechu (L.F.) Willd

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK85—2006	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK85—2006	NA	ND
Water	Q/TFFK85—2006	≤2%	Conforms
Appearance		Pale White Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

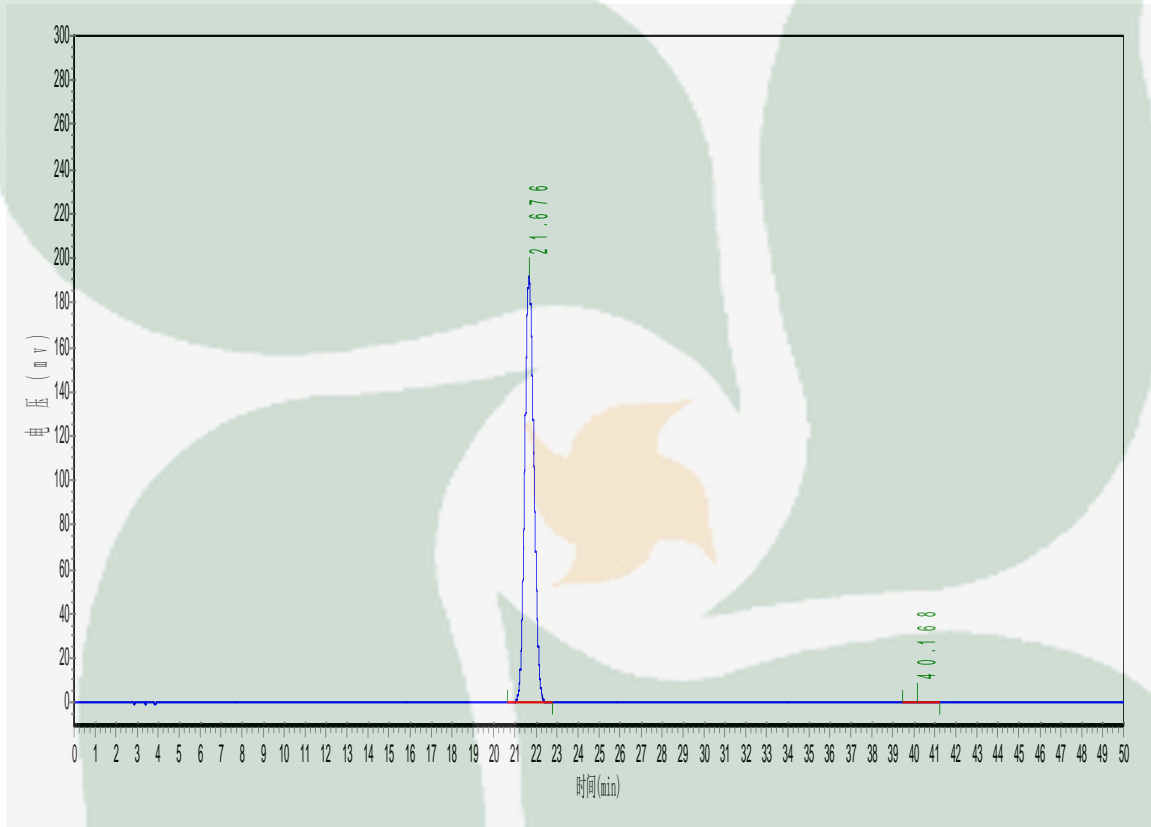
Analyst

Checker

Manager

Product Analysis Report

Product Name: EC Chrom-Column: C18
Lot Number: 17042831 Mobile Phase: ACN:0.1%H3PO4=12:88
Temperature: 25°C Wavelength: 280nm
Detect Time: 2017-04-28 Inject Vol: 20.0 µL
Analyst: shuzhilin Flow: 1.00 ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	21.676	191451.734	5843097.000	99.6647
2	40.168	372.672	19657.045	0.3353