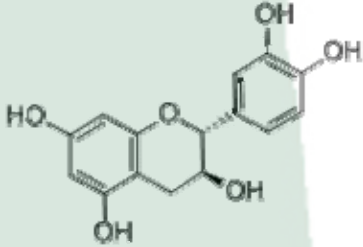


PRODUCT ID	E-0102	Structure 
PRODUCT	(+)-Catechin / 儿茶素	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	18041741	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2018-04-17	
DATE OF REPORT	2018-04-17	

OTHER NAME Catechinic acid, Catechu

CHEMICAL FORMULA C₁₅H₁₄O₆

MOLECULAR WEIGHT(MW) 290.26806

CAS NUMBER 154-23-4

CHEMICAL FAMILY Flavonoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK89—2007	NLT ≥98.0%	99.5%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK89—2007	NA	ND
Water	Q/TFFK89—2007	≤2%	Conforms
Appearance		Pale White Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

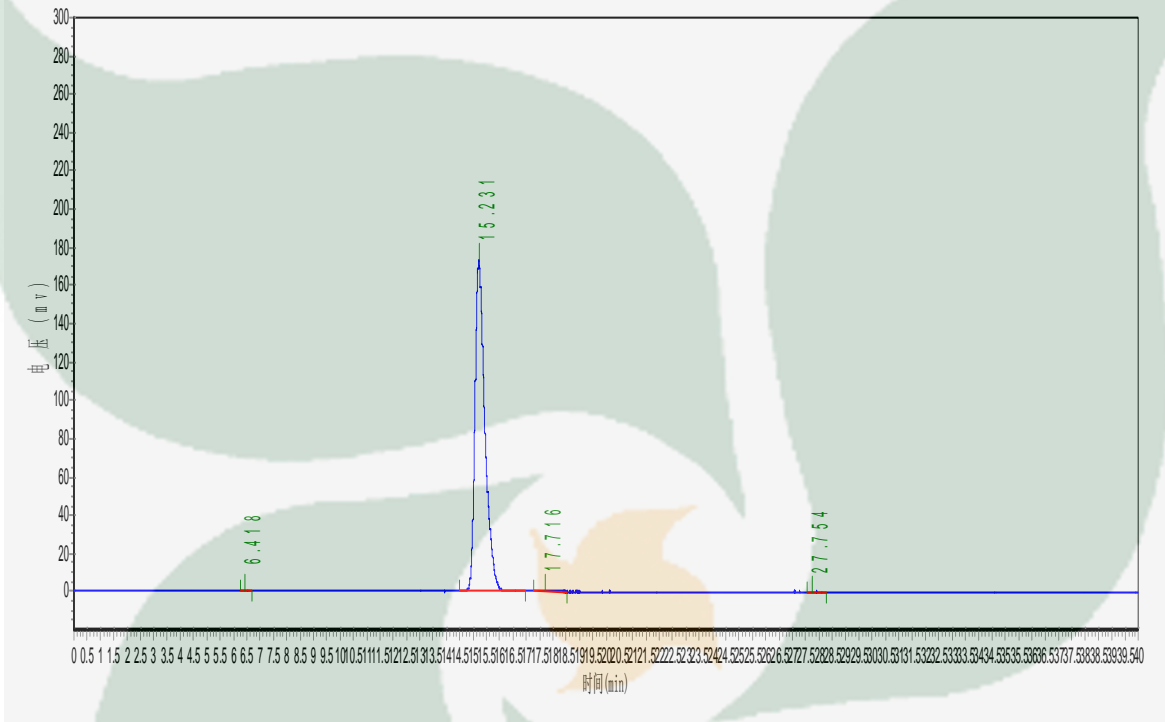
Analyst

Checker

Manager

Product Analysis Report

Product Name: (+)-Catechin **Chrom-Column:** C18
Lot Number: 18041741 **Mobile Phase:** ACN:
0.1%H3PO4=12:88
Temperature: 25°C **Wavelength:** 280nm
Detect Time: 2018-04-17 **Inject Vol:** 20μL
Sample dissolution: 50%MeOH **Flow:** 1ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.418	174.980	1953.450	0.0434
2	15.231	173336.078	4480973.000	99.5892
3	17.716	572.962	15304.866	0.3401
4	27.754	46.878	1224.400	0.0272