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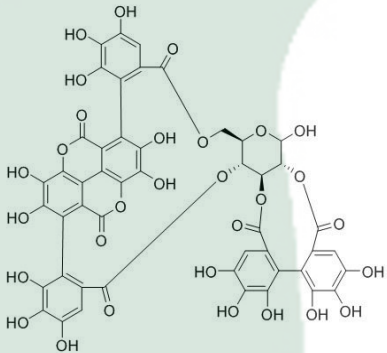
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PRODUCT ID	E-0363	Structure 
PRODUCT	Punicalagin / 安石榴苷	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17082931	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-08-29	
DATE OF REPORT	2017-08-29	

CHEMICAL NAME

2,3-(S)-Hexahydroxydiphenoyl-4,6-(S,S)-gallagyl-D-glucose

OTHER NAME

CHEMICAL FORMULA

C₄₈H₂₈O₃₀

MOLECULAR WEIGHT(MW)

1084.71792

CAS NUMBER

65995-63-3

CHEMICAL FAMILY

Phenols酚类

FROM

安石榴Punica granatum Linn.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK473—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK473—2007	NA	ND
Water	Q/TFFK473—2007	≤2%	Conforms
Appearance		Pale Yellow Crystal	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: Punicalagin

Chrom-Column: C18

Lot Number: 17082931

Mobile Phase: MeOH:0.1%H3PO4(grads)

Temperature: 25℃

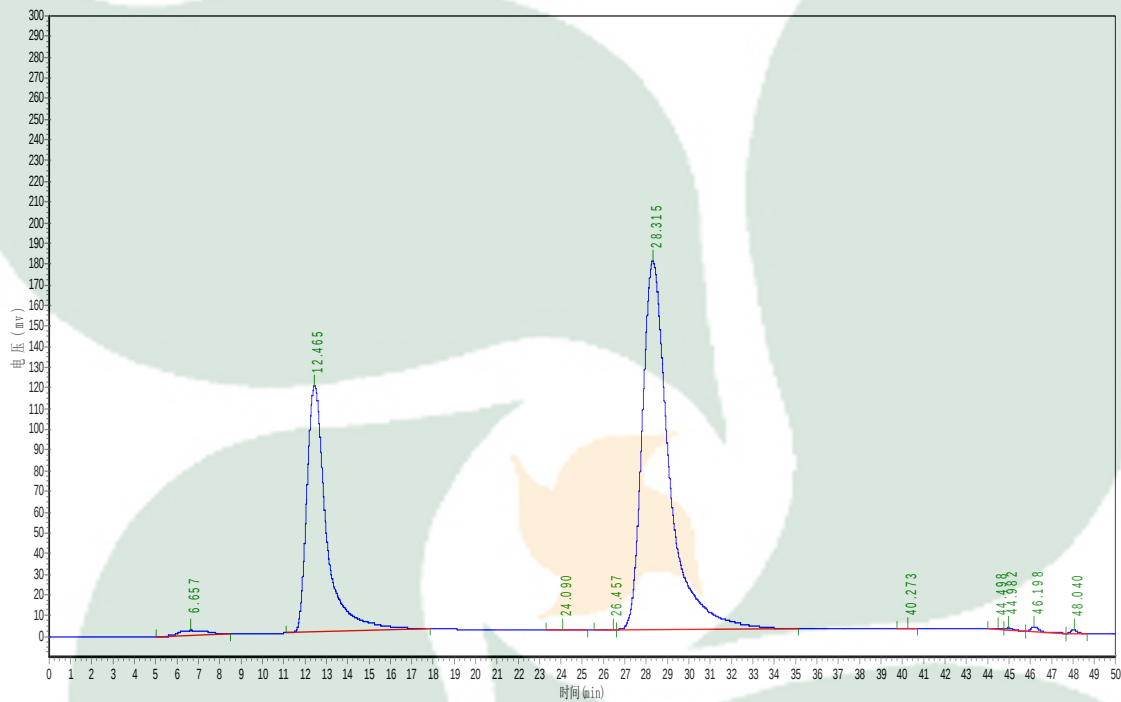
Wavelength: 257nm

Detect Time: 2017-08-29

Inject Vol: 20ul

Analyst: shuzhilin

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.657	2381.214	225509.906	0.9434
2	12.465	119106.922	7705876.500	32.2370
3	24.090	409.541	23336.750	0.0976
4	26.457	423.976	15256.124	0.0638
5	28.315	178435.328	15804065.000	66.1152
6	40.273	134.741	3902.800	0.0163
7	44.498	638.493	17818.502	0.0745
8	44.982	1013.130	21179.848	0.0886
9	46.198	2409.684	49622.301	0.2076
10	48.040	2042.858	37278.250	0.1560

Time/min	0	30	50
MeOH	10	10	25