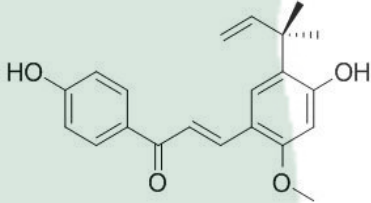


PRODUCT ID	E-0145	Structure 
PRODUCT	Licochalcone A /甘草查尔酮A	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17112722	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-11-27	
DATE OF REPORT	2017-11-27	

OTHER NAME

CHEMICAL FORMULA

C₂₁H₂₂O₄

MOLECULAR WEIGHT(MW)

338.39698

CAS NUMBER

58749-22-7

CHEMICAL FAMILY

Flavonoids黄酮类

FROM

甘草 Glycyrrhiza uralensis Fisch.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK142—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK142—2007	NA	ND
Water	Q/TFFK142—2007	≤2%	Conforms
Appearance		Pale yellow powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

Checker

Manager

Product Analysis Report

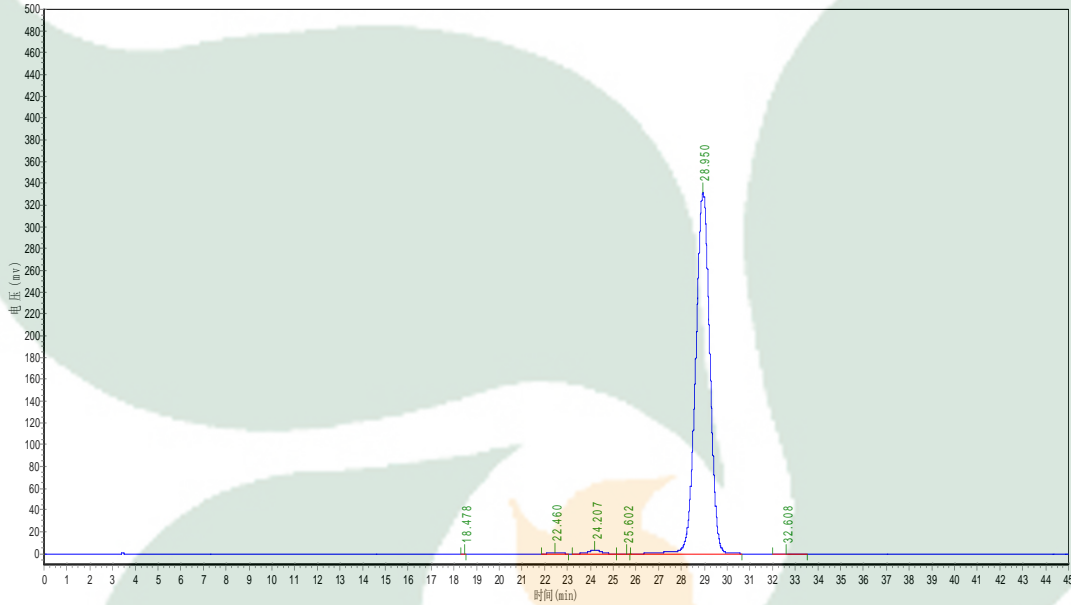
Product Name: Licochalcone A Chrom-Column: Arcus C18

Lot Number: 17112722 Mobile Phase: ACN:0.1%H3PO4 (45: 55)

Detector: UV Wavelength: 377nm

Detect Time: 2017-11-27 Inject Vol: 20ul

Analyst: zhanghong Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	18.478	25.412	157.450	0.0011
2	22.460	560.438	17228.850	0.1194
3	24.207	3220.235	113343.203	0.7852
4	25.602	22.510	370.336	0.0026
5	28.950	331517.469	14302217.000	99.0816
6	32.608	42.704	1469.800	0.0102