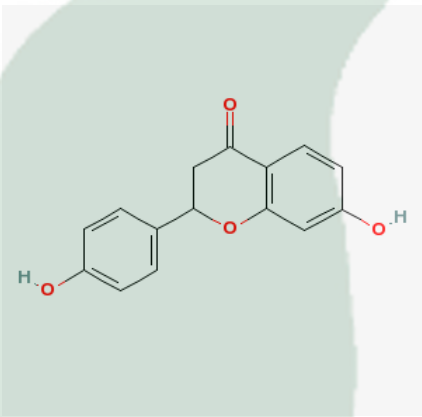


PRODUCT ID	E-0309	<p>Structure</p> 
PRODUCT	Liquiritigenin /甘草素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16111522	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-11-15	
DATE OF REPORT	2016-11-15	

CHEMICAL NAME

7-hydroxy-2-(4-hydroxyphenyl)-2,3-dihydrochromen-4-one

OTHER NAME

CHEMICAL FORMULA

C₁₅H₁₂O₄

MOLECULAR WEIGHT(MW)

256.25

CAS NUMBER

578-86-9

CHEMICAL FAMILY

Flavonoids 黄酮类

FROM

豆科植物甘草 Glycyrrhiza uralensis Fisch.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK312—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK312—2007	NA	ND
Water	Q/TFFK312—2007	≤2%	Conforms
Appearance		white powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

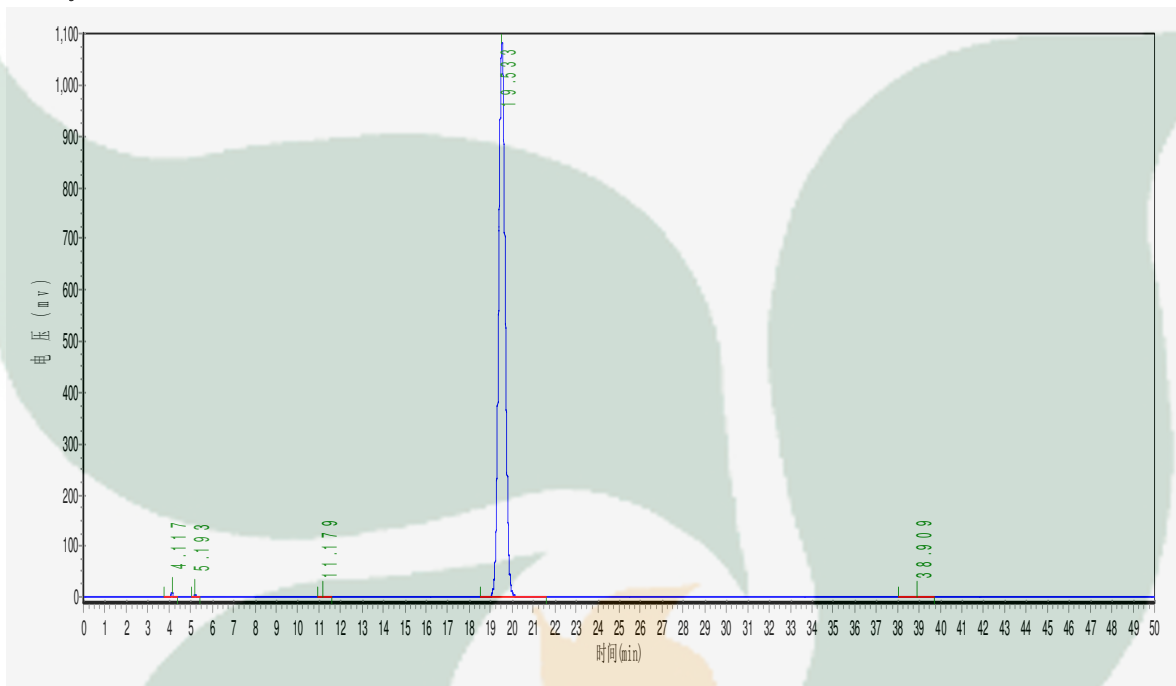
Analyst

Checker

Manager

Product Analysis Report

Product Name: Liquiritigenin Chrom-Column: C18
Lot Number: 16111522 Mobile Phase: ACN:0.1% H_3PO_4 =28:72
Temperature: 25°C Wavelength: 276nm
Detect Time: 2016-11-15 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.117	10071.294	72593.141	0.3150
2	5.193	3790.217	27835.043	0.1208
3	11.179	309.154	4012.300	0.0174
4	19.533	1081223.500	22914466.000	99.4439
5	38.909	578.480	23697.199	0.1028