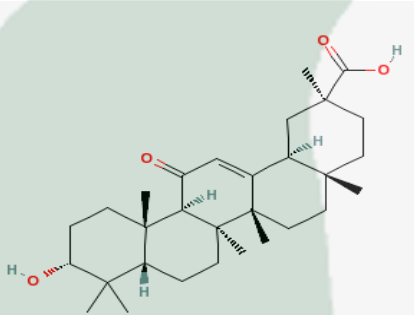


PRODUCT ID	E-0043	Structure 
PRODUCT	Glycyrrhetic Acid / 甘草次酸	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	15072721	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-07-27	
DATE OF REPORT	2015-07-27	

CHEMICAL NAME

(2S,4aS,6aR,6aR,6bS,8aS,10R,12aS,14bS)-10-hydroxy-2,4a,6a,6b,9,9,12a-heptamethyl-13-oxo-3,4,5,6,6a,7,8,8a,10,11,12,14b-dodecahydro-1H-picene-2-carboxylic acid

OTHER NAME

CHEMICAL FORMULA

C₃₀H₄₆O₄

MOLECULAR WEIGHT(MW)

470.68384

CAS NUMBER

471-53-4

CHEMICAL FAMILY

Triterpenes 三萜类

FROM

Glycyrrhiza uralensis Fisch

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK69—2006	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK69—2006	NA	ND
Water	Q/TFFK69—2006	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

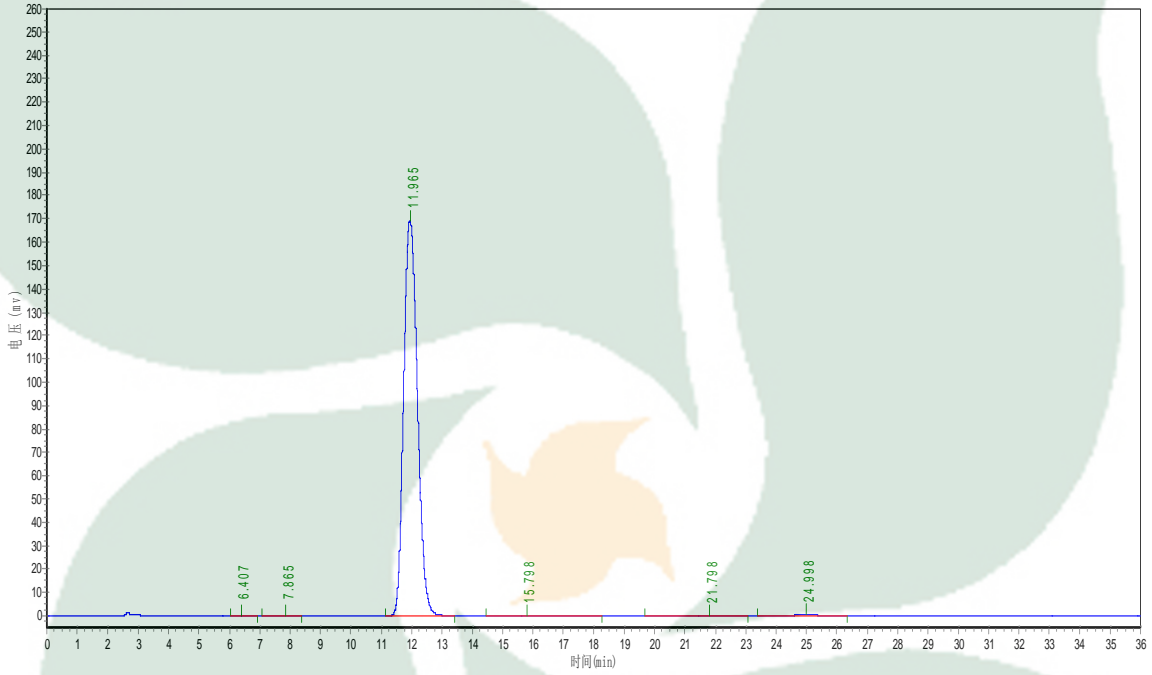
Analyst

Checker

Manager

Product Analysis Report

Product Name: Glycyrrhetic acid **Chrom-Column:** C18
Lot Number: 15072721 **Mobile Phase:** MeOH:0.5% HAc=87:13
Temperature: 25°C **Wavelength:** 254nm
Detect Time: 2015-07-27 **Inject Vol:** 20ul
Analyst: zhufangfang **Flow:** 1.0ml/min



No.	Ret. Time min	Height mAU	Area mAU*min	Rel. Area %
1	6.407	277.604	5644.100	0.1047
2	7.865	158.785	4241.300	0.0787
3	11.965	169039.234	5325763.000	98.7653
4	15.798	225.702	23864.600	0.4426
5	21.798	180.608	10072.900	0.1868
6	24.998	381.545	22757.100	0.4220