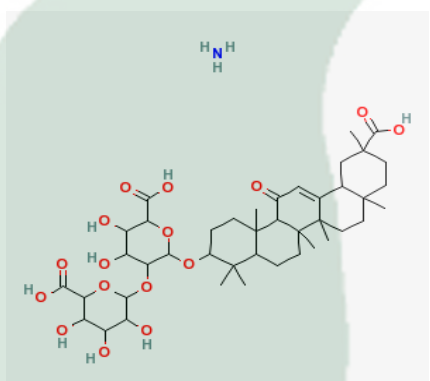


<b>PRODUCT ID</b>	E-0108	<p style="text-align: center;"><b>Structure</b></p> 
<b>PRODUCT</b>	Glycyrrhizic acid ammonium salt / 甘草酸单铵盐	
<b>STANDARD TYPE</b>	Quantitative Reference Standard/ 含量测定	
<b>LOT NUMBER</b>	17061232	
<b>ASSAY METHOD</b>	HPLC,NMR	
<b>DATE OF SAMPLE</b>	2017-06-12	
<b>DATE OF REPORT</b>	2017-06-12	

<b>OTHER NAME</b>	Monoammonium glycyrrhizate
<b>CHEMICAL FORMULA</b>	C42H65NO16
<b>MOLECULAR WEIGHT(MW)</b>	839.9626
<b>CAS NUMBER</b>	53956-04-0
<b>CHEMICAL FAMILY</b>	Triterpenes 三萜类
<b>FROM</b>	glycyrrhiza uralensis Fish

#### ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK87—2006	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK87—2006	NA	ND
Water	Q/TFFK87—2006	≤2%	Conforms
Appearance		White Powder	Conforms

#### STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

Analyst

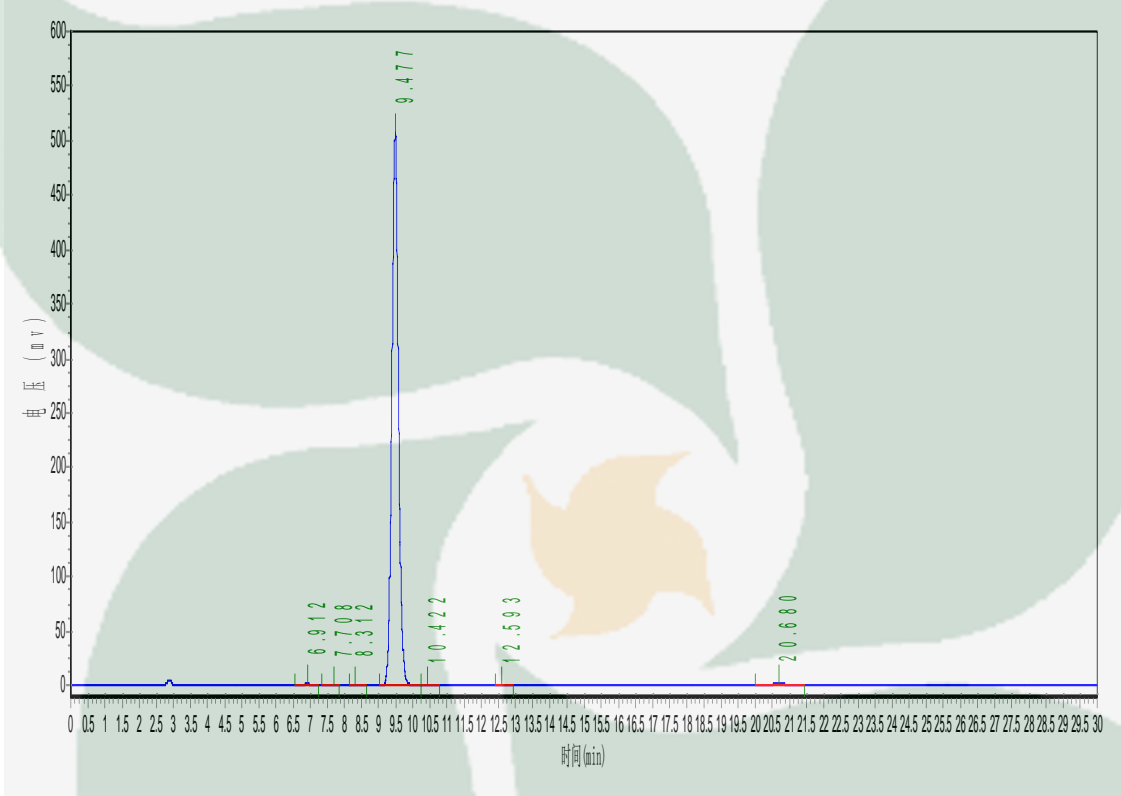
Checker

Manager

# Product Analysis Report

Product Name: Glycyrrhizic acid ammonium salt Chrom-Column: C18

Lot Number: 17061232 Mobile Phase: ACN:0.1%H3PO4=40:60  
Detector: UV Wavelength: 254nm  
Detect Time: 2017-6-12 Inject Vol: 20ul  
Analyst: shuzhilin Flow: 1.0ml/min



NO.	Ret. Time min	Height mAU	Area mAU*min	Rel. Area%
1	6.912	1850.940	21408.301	0.3088
2	7.708	334.565	5555.696	0.0801
3	8.312	675.990	7670.133	0.1106
4	9.477	508351.844	6826379.500	98.4548
5	10.422	243.614	3633.004	0.0524
6	12.593	156.402	1889.400	0.0273
7	20.680	3058.519	66978.352	0.9660