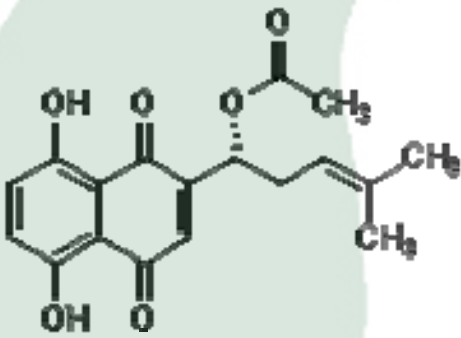


PRODUCT ID	E-0616	Structure 
PRODUCT	Acetylshikonin / 乙酰紫草素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16030121	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-03-01	
DATE OF REPORT	2016-03-01	

CHEMICAL NAME

(+)-5,8-dihydroxy-2-(1-hydroxy-4-methyl-3-pentenyl)-1,4-naphthoquinone-2-acet

OTHER NAME

CHEMICAL FORMULA

C₁₈H₁₈O₆

MOLECULAR WEIGHT(MW)

330.33

CAS NUMBER

24502-78-1

CHEMICAL FAMILY

Flavonoids 黄酮类

FROM

Boraginaceae Lithospermum root plants

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK592—2008	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK592—2008	NA	ND
Water	Q/TFFK592—2008	≤2%	Conforms
Appearance		Brown Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

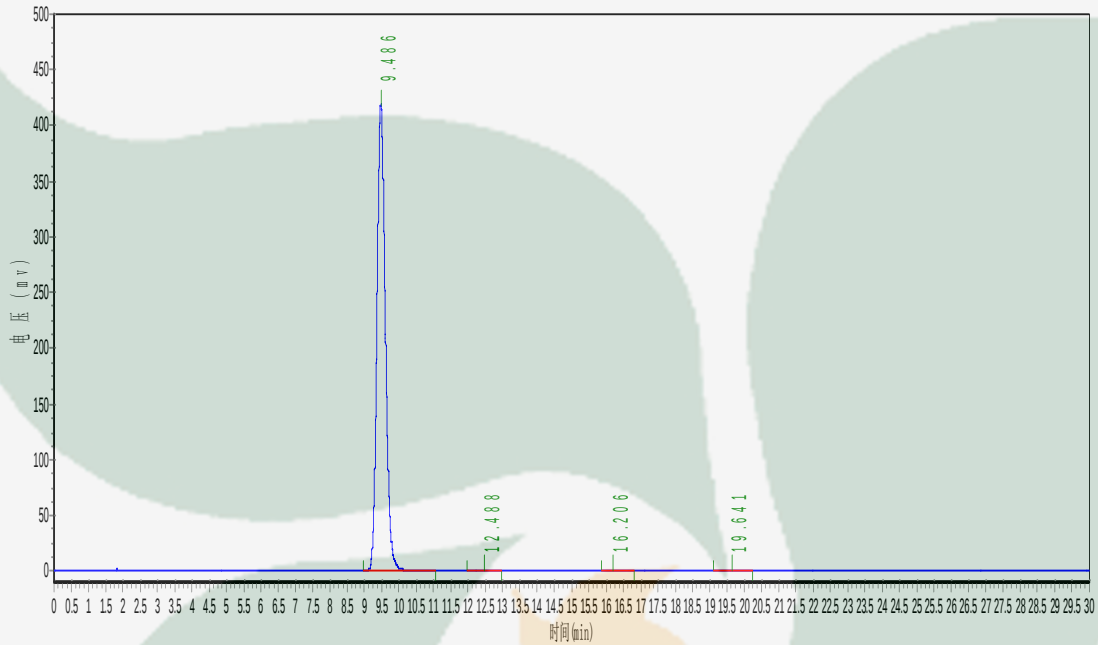
Analyst

Checker

Manager

Product Analysis Report

Product Name: Acetylshikonin Chrom-Column: C18
Lot Number: 16030121 Mobile Phase: MeOH:0.1%H3PO4 (85:15)
Detector: UV Wavelength: 275nm
Detect Time: 2016-03-01 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



No.	Name	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1		9.486	418392.500	7064660.500	99.7457
2		12.488	464.961	10499.861	0.1482
3		16.206	150.857	4280.900	0.0604
4		19.641	109.941	3233.100	0.0456