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PRODUCT ID	E-0053	Structure 
PRODUCT	Shikimic acid /莽草酸	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	16041141	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2016-04-11	
DATE OF REPORT	2016-04-11	

CHEMICAL NAME	(3R,4S,5R)-3,4,5-trihydroxycyclohexene-1-carboxylic acid
OTHER NAME	Shikimate
CHEMICAL FORMULA	C7H10O5
MOLECULAR WEIGHT(MW)	174.1513
CAS NUMBER	138-59-0
CHEMICAL FAMILY	Phenolic Acids 酚酸类
FROM	Illicium Verum Hook.f. P.E.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK47—2006	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK47—2006	NA	ND
Water	Q/TFFK47—2006	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

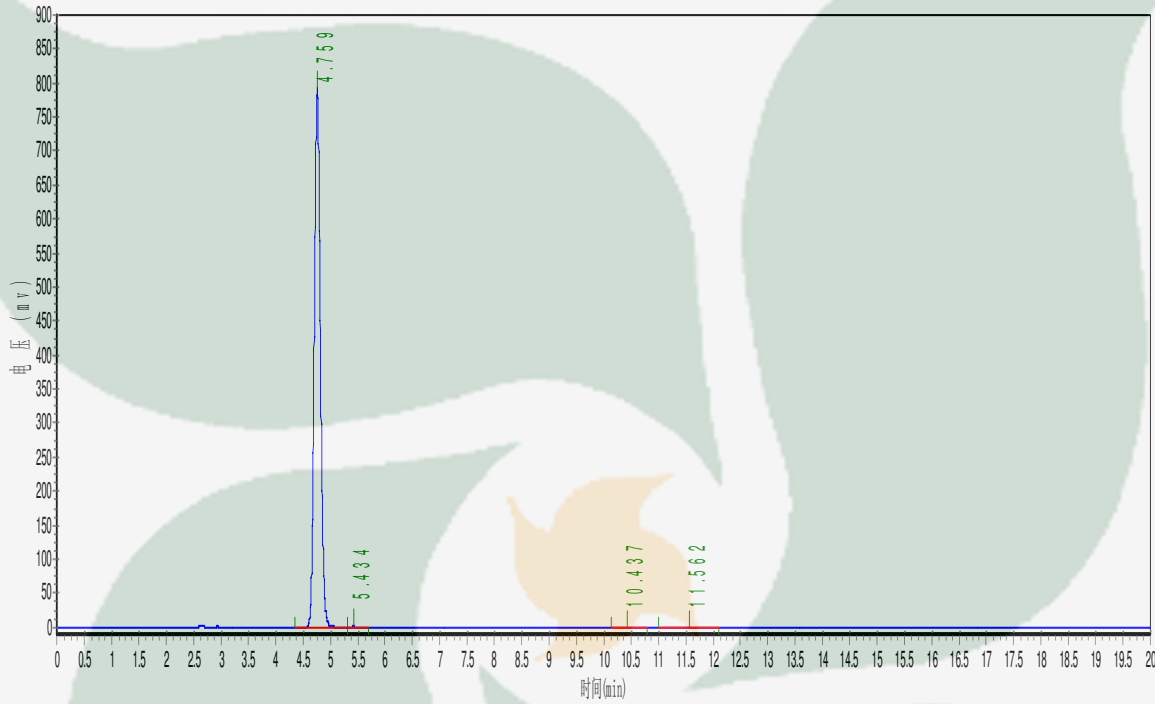
Analyst

Checker

Manager

Product Analysis Report

Product Name: Shikimic acid **Chrom-Column:** C18
Lot Number: 16041141 **Mobile Phase:** MeOH:0.05M
KH₂PO₄=2:98(PH=3)
Detector: UV **Wavelength:** 210nm
Detect Time: 2016-04-11 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.759	788672.375	6184553.000	99.7664
2	5.434	758.864	7006.692	0.1130
3	10.437	246.418	3975.600	0.0641
4	11.562	129.303	3498.700	0.0564