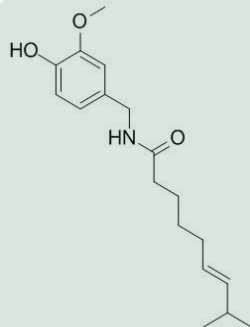


PRODUCT ID	E-0351	Structure 
PRODUCT	Capsaicin /辣椒碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18022135	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2018-02-21	
DATE OF REPORT	2018-02-21	

OTHER NAME Caryophyllin, Astrantiagenin C

CHEMICAL FORMULA C₁₈H₂₇NO₃

MOLECULAR WEIGHT 305.41188

CAS NUMBER 404-86-4

CHEMICAL FAMILY Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK356—2007	NLT >98%	99.6%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK356—2007	NA	ND
Water	Q/TFFK356—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label
 SHELF LIFE 2 Years

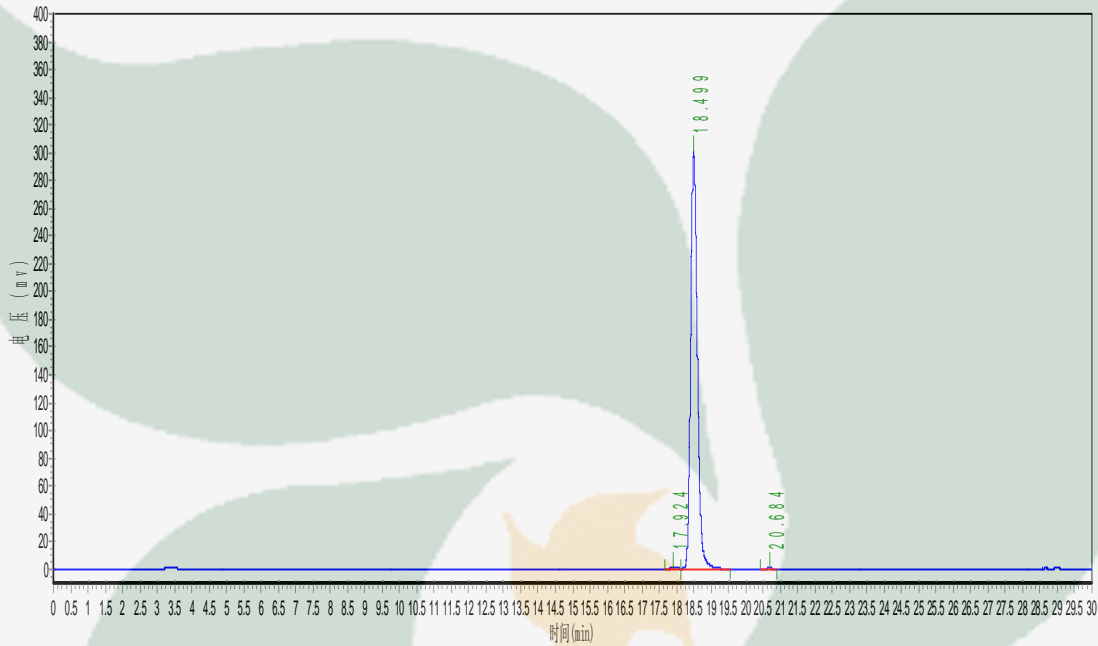
Analyst

Checker

Manager

Product Analysis Report

Product Name: Capsaicin **Chrom-Column:** C18
Lot Number: 18022135 **Mobile Phase:** ACN: 0.1%H₃PO₄ (Grads)
Detector: UV **Wavelength:** 285nm
Detect Time: 2018-02-21 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	17.924	720.699	10266.433	0.2532
2	18.499	300537.906	4039469.750	99.6328
3	20.684	404.533	4620.500	0.1140

Grads

Time/min	0	30
ACN	40	95
0.1%H ₃ PO ₄	60	5