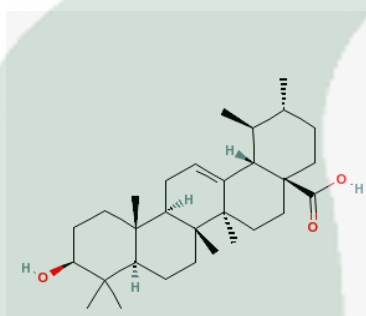


PRODUCT ID	E-0076	Structure 
PRODUCT	Ursolic acid /熊果酸	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18070331	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-07-03	
DATE OF REPORT	2018-07-03	

OTHER NAME NA

CHEMICAL FORMULA C₃₀H₄₈O₃

MOLECULAR WEIGHT(MW) 456.70032

CAS NUMBER 77-52-1

CHEMICAL FAMILY Triterpenes

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK111—2006	NLT ≥98.0%	99.0%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK111—2006	NA	ND
Water	Q/TFFK111—2006	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

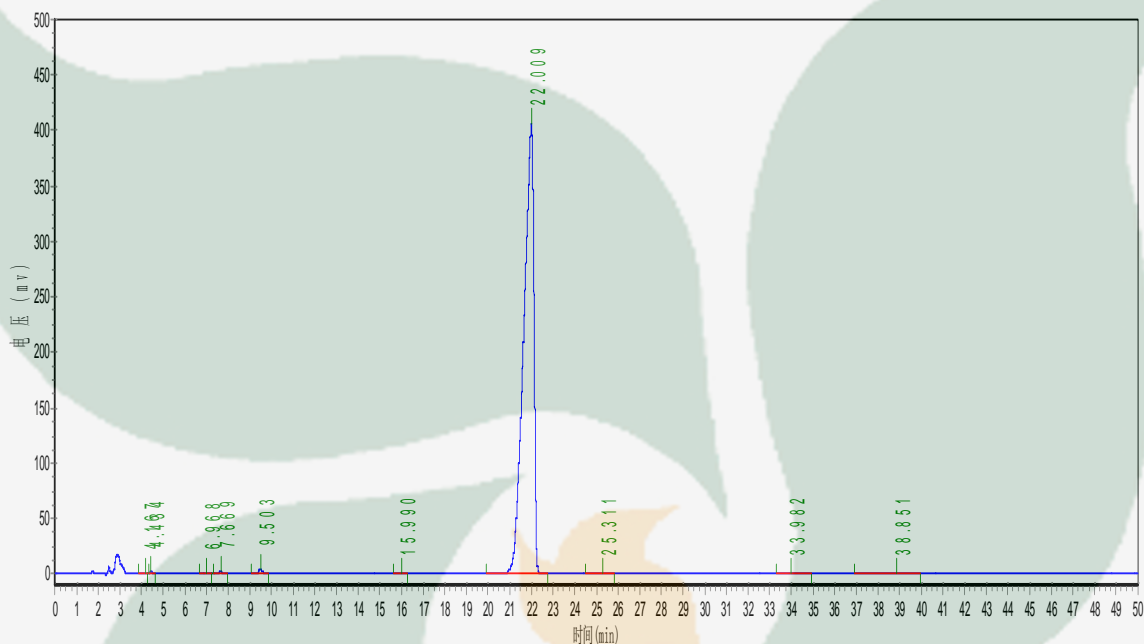
Analyst

Checker

Manager

Product Analysis Report

Product Name: Ursolic acid Chrom-Column: C18
Lot Number: 18070331 Mobile Phase: ACN:0.1%H3PO4=80:20
Temperature: 25°C Wavelength: 210nm
Detect Time: 2018-07-03 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.167	375.500	4857.281	0.0364
2	4.434	2166.500	14701.131	0.1102
3	6.968	1265.154	11292.754	0.0846
4	7.669	1823.846	19645.199	0.1472
5	9.503	4446.621	52916.711	0.3966
6	15.990	204.878	3253.400	0.0244
7	22.009	406387.344	13216258.000	99.0419
8	25.311	129.400	3373.200	0.0253
9	33.982	157.500	5895.300	0.0442
10	38.851	121.681	11916.701	0.0893