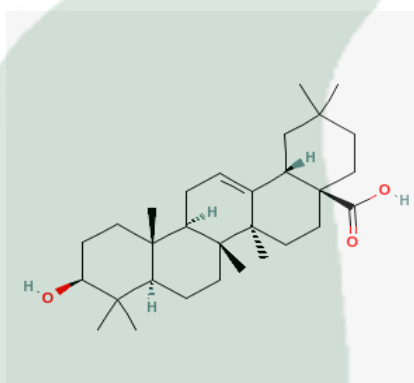


PRODUCT ID	E-0384	Structure 
PRODUCT	Oleanic acid / 齐墩果酸	
STANDARD TYPE	Qualitative Reference Material/ 含量测定	
LOT NUMBER	18070332	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-07-03	
DATE OF REPORT	2018-07-03	

OTHER NAME Caryophyllin, Astrantiagenin C

CHEMICAL FORMULA C₃₀H₄₈O₃

MOLECULAR WEIGHT(MW) 456.70032

CAS NUMBER 508-02-1

CHEMICAL FAMILY Triterpenes

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK177—2007	NLT ≥98.0%	98.4%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK177—2007	NA	ND
Water	Q/TFFK177—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

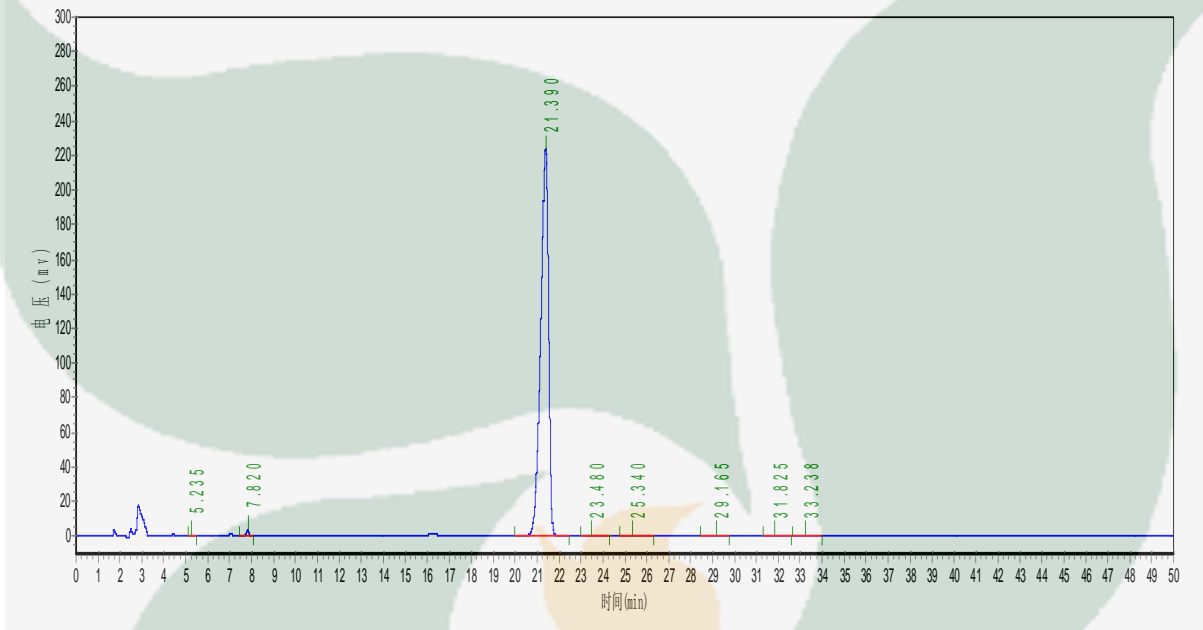
Analyst

Checker

Manager

Product Analysis Report

Product Name: Oleonic acid Chrom-Column: C18
Lot Number: 18070332 Mobile Phase: ACN: 0.1%H3PO4 (80:20)
Detector: UV 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	5.235	294.675	2334.550	0.0408
2	7.820	3239.100	34282.949	0.5989
3	21.390	223467.281	5636351.000	98.4585
4	23.480	207.783	5548.515	0.0969
5	25.340	381.174	16809.793	0.2936
6	29.165	613.354	18083.850	0.3159
7	31.825	171.260	5009.367	0.0875
8	33.238	188.022	6173.417	0.1078