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PRODUCT ID	E-1089	<p style="text-align: center;">Structure</p>
PRODUCT	7-O-Methylmangiferin/7-O-甲基枹果昔	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16012821	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-01-28	
DATE OF REPORT	2016-01-28	

CHEMICAL NAME

OTHER NAME

CHEMICAL FORMULA

C₂₀H₂₀O₁₁

MOLECULAR WEIGHT(MW)

436.37

CAS NUMBER

31002-12-7

CHEMICAL FAMILY

FROM

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK59—2006	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK59—2006	NA	ND
Water	Q/TFFK59—2006	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

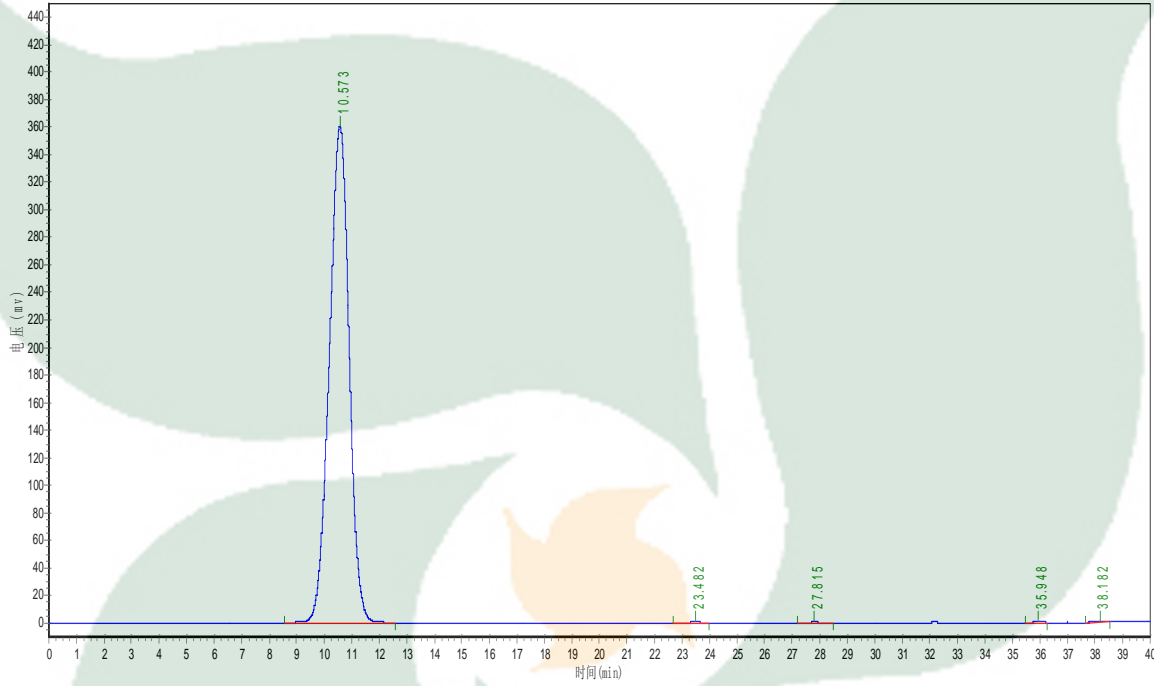
Analyst

Checker

Manager

Product Analysis Report

Product Name: 7-O-Methylmangiferin **Chrom-Column:** Arcus C18
Lot Number: 16012821 **Mobile Phase:** MeOH:0.1%H3PO4(grads)
Temperature: 25°C **Wavelength:** 320nm
Detect Time: 2016-01-28 **Inject Vol:** 20ul
Analyst: zhufanfang **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	10.573	360728.063	18011634.000	99.8675
2	23.482	285.231	8730.500	0.0484
3	27.815	260.717	4924.350	0.0273
4	35.948	447.800	6715.900	0.0372
5	38.182	195.778	3519.600	0.0195

time/min	Grads		
	0	15	40
MeOH	40	40	90
0.1%H3PO4	60	60	10