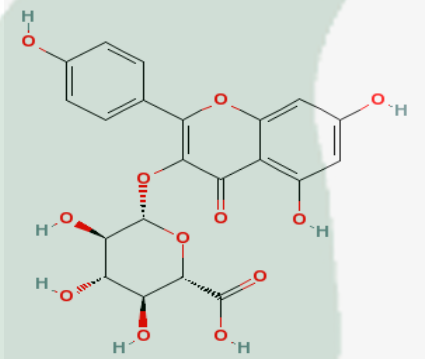


PRODUCT ID	E-0148	Structure 
PRODUCT	Kaempferol-3-beta-O-glucuronide / 山奈酚葡萄糖醛酸苷	
STANDARD TYPE	Qualitative Reference Material/ 含量测定	
LOT NUMBER	16072923	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-07-29	
DATE OF REPORT	2016-07-29	

CHEMICAL NAME	(2S,3S,4S,5R,6S)-6-[5,7-dihydroxy-2-(4-hydroxyphenyl)-4-oxochromen-3-yl]oxy-3,4,5-trihydroxyoxane-2-carboxylic acid
OTHER NAME	Kaempferol-3-beta-D-glucuronide
CHEMICAL FORMULA	C ₂₁ H ₁₈ O ₁₂
MOLECULAR WEIGHT(MW)	462.36042
CAS NUMBER	22688-78-4
CHEMICAL FAMILY	Flavonoids黄酮类
FROM	姜科植物黑果山姜Alpinianigra(Gaertn.)Burt种子

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK59—2006	NLT ≥97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK59—2006	NA	ND
Water	Q/TFFK59—2006	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

Analyst

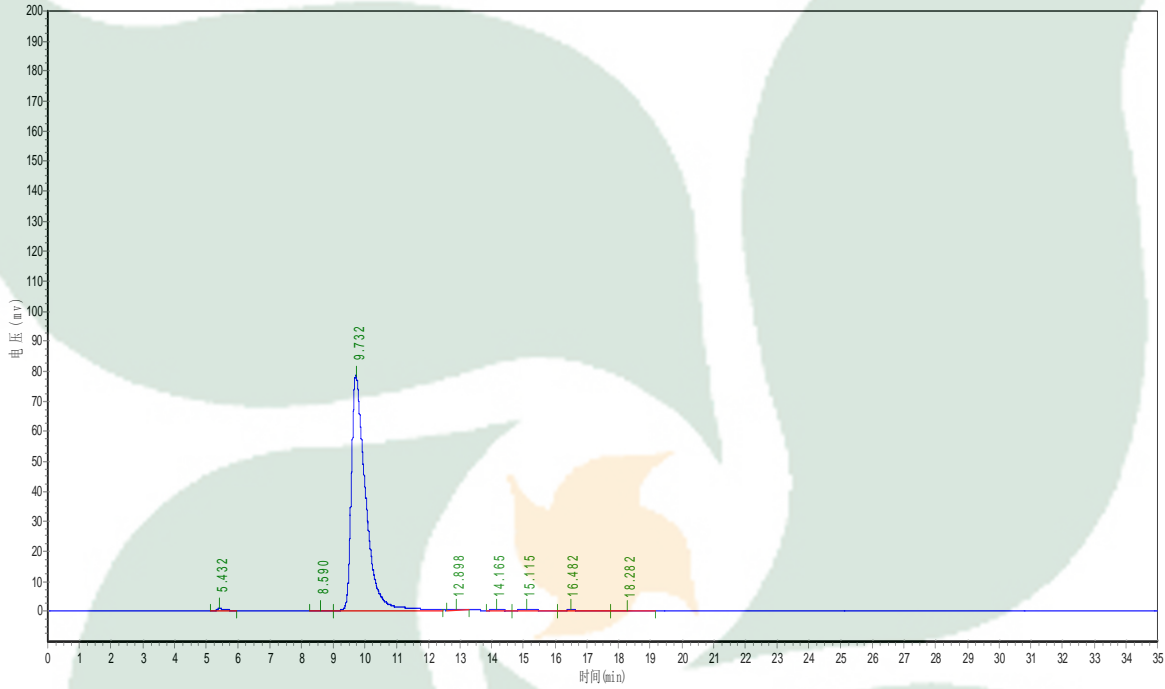
Checker

Manager

Product Analysis Report

Product Name: Kaempferol-3-beta-O-glucuronide
Lot Number: 16072923
Temperature: 25°C
Detect Time: 2016-07-29
Analyst: shuzhilin

Chrom-Column: Arcus C18
Mobile Phase: MeOH:0.1%H3PO4(50: 50)
Wavelength: 360nm
Inject Vol: 20ul
Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.432	859.000	18180.650	0.7186
2	8.590	260.967	5467.250	0.2161
3	9.732	78324.305	2459105.250	97.1949
4	12.898	302.563	6824.509	0.2697
5	14.165	262.959	5878.100	0.2323
6	15.115	523.106	17902.699	0.7076
7	16.482	350.337	13650.200	0.5395
8	18.282	82.619	3068.300	0.1213