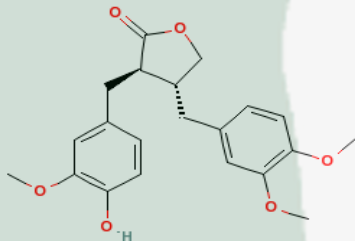


PRODUCT ID	E-0110	Structure 
PRODUCT	Arctigenin / 牛蒡子苷元	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16081335	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-08-13	
DATE OF REPORT	2016-08-13	

CHEMICAL NAME	(3R,4R)-4-[(3,4-dimethoxyphenyl)methyl]-3-[(4-hydroxy-3-methoxyphenyl)methyl]oxolan-2-one
OTHER NAME	
CHEMICAL FORMULA	C ₂₁ H ₂₄ O ₆
MOLECULAR WEIGHT(MW)	372.41166
CAS NUMBER	7770-78-7
CHEMICAL FAMILY	Lignans 木脂素类
FROM	Arctium lappa L.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK105—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK105—2007	NA	ND
Water	Q/TFFK105—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

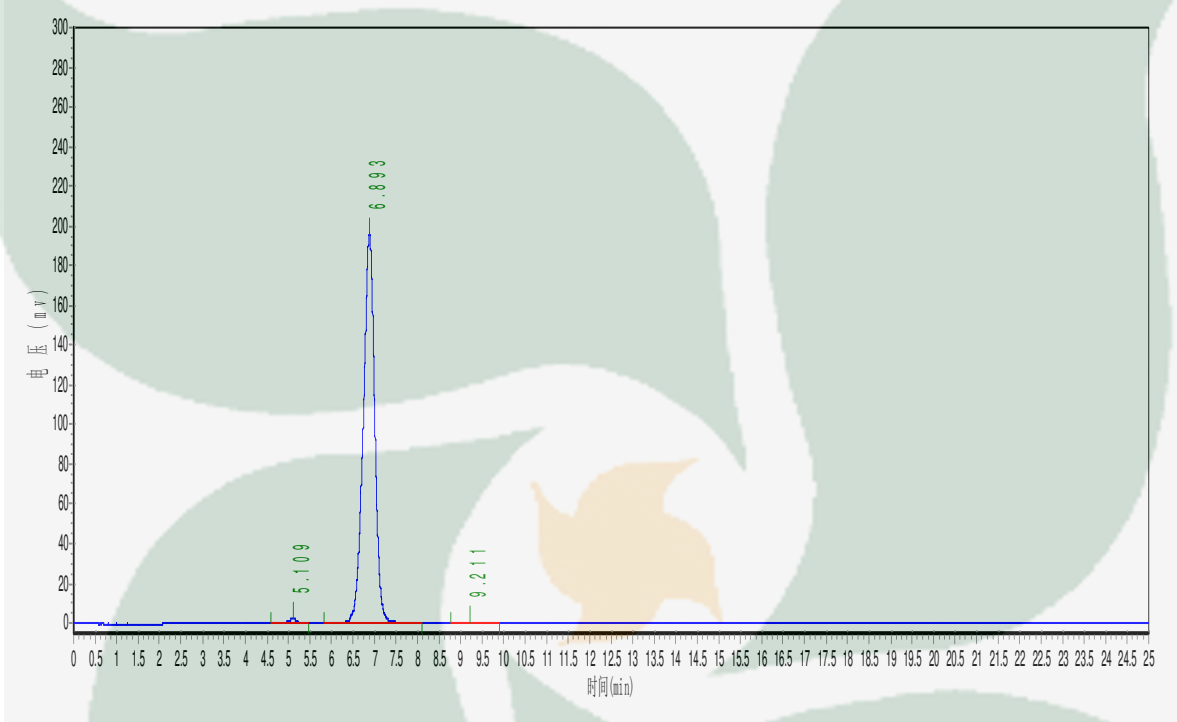
Analyst

Checker

Manager

Product Analysis Report

Product Name: Arctigenin **Chrom-Column** C18
Lot Number: 16081335 **Mobile Phase:** MeOH:ACN:
0.1%H₃PO₄ (40:
20:40)
Detector: UV **Wavelength:** 280nm
Detect Time: 2016-08-13 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.109	1986.077	28763.500	0.7840
2	6.893	196167.641	3635990.500	99.1104
3	9.211	141.794	3873.300	0.1056