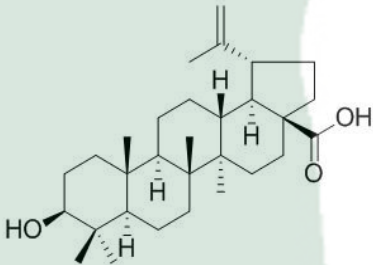


PRODUCT ID	E-0348	Structure 
PRODUCT	Betulinic acid /白桦脂酸	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17080422	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-08-04	
DATE OF REPORT	2017-08-04	

OTHER NAME	Mairin, 桦木酸
CHEMICAL FORMULA	C ₃₀ H ₄₈ O ₃
MOLECULAR WEIGHT(MW)	456.70032
CAS NUMBER	472-15-1
CHEMICAL FAMILY	Triterpenoids 三萜类
FROM	桦属植物白桦Betula alba L.的树皮

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK357—2007	NLT ≥97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK357—2007	NA	ND
Water	Q/TFFK357—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

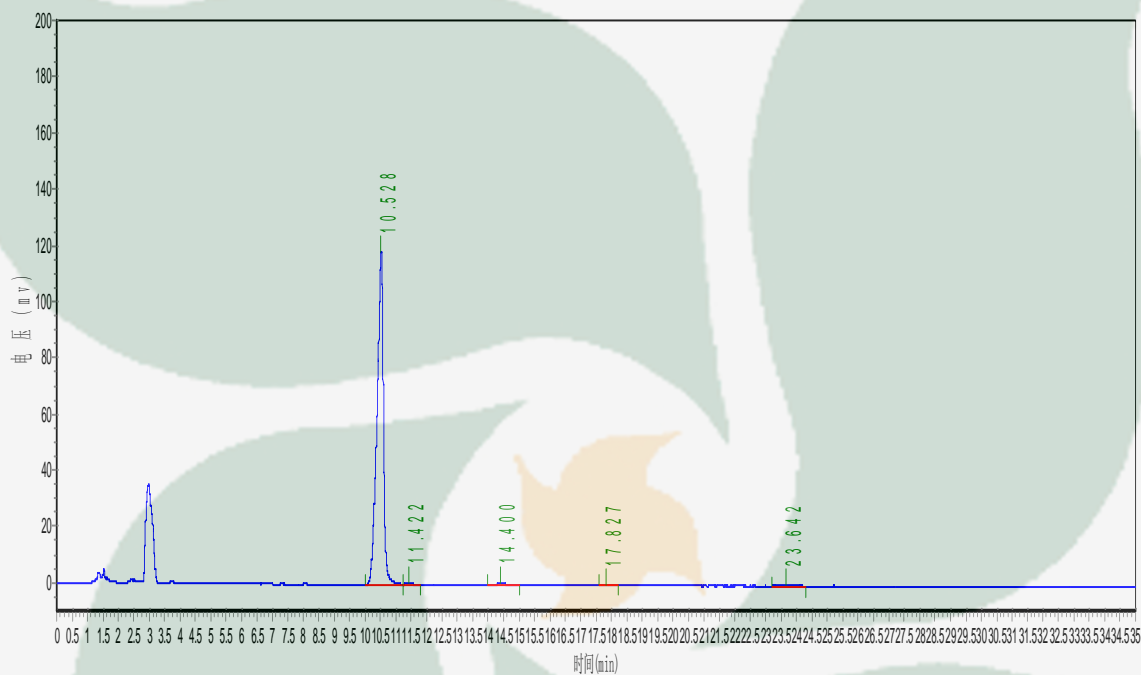
Analyst

Checker

Manager

Product Analysis Report

Product Name: Betulinic acid **Chrom-Column:** C18
Lot Number: 17080422 **Mobile Phase:** 90%ACN
Detector: UV **Wavelength:** 210nm
Detect Time: 2017-08-04 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	10.528	118336.406	1708131.250	97.8986
2	11.422	840.730	12094.612	0.6932
3	14.400	936.338	15963.051	0.9149
4	17.827	165.094	2698.751	0.1547
5	23.642	226.415	5908.603	0.3386