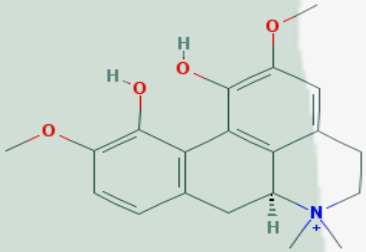


PRODUCT ID	E-0155	Structure 
PRODUCT	Magnaflorine/木兰花碱	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	16110531	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2016-11-05	
DATE OF REPORT	2016-11-05	

CHEMICAL NAME

OTHER NAME

CHEMICAL FORMULA

C₂₀H₂₄N₂O₄

MOLECULAR WEIGHT(MW)

342.41

CAS NUMBER

2141-9-5

CHEMICAL FAMILY

FROM

Thalictrum dasycarpum Fisch.et Hall

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK158-2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK158-2007	NA	ND
Water	Q/TFFK158-2007	≤2%	Conforms
Appearance		pale yellow powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

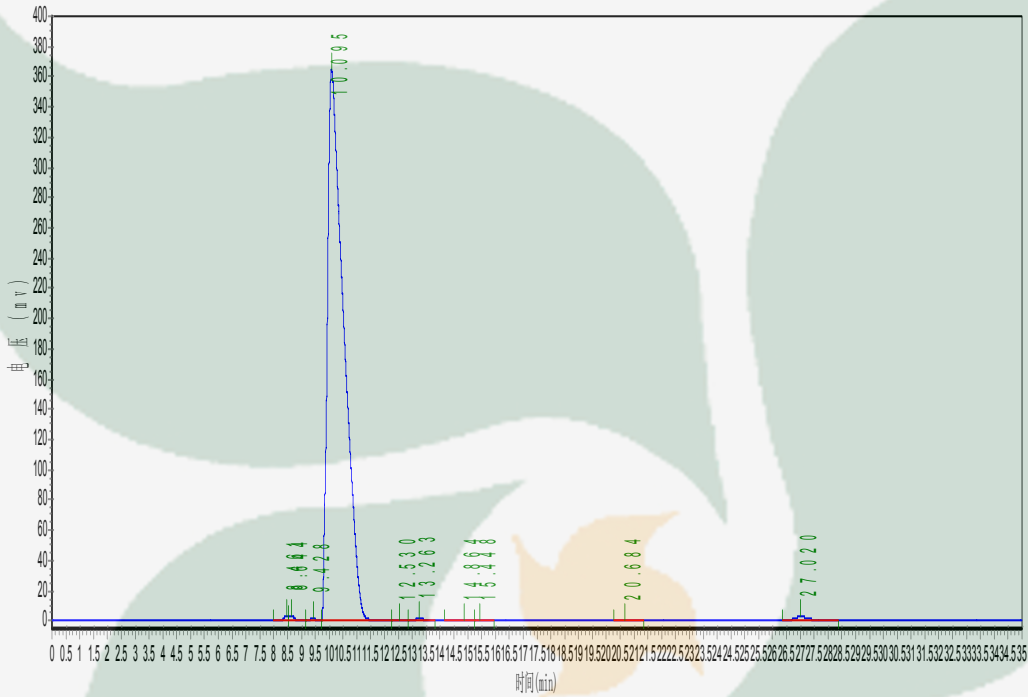
Analyst

Checker

Manager

Product Analysis Report

Product Name: Magnaflorine **Chrom-Column:** C18
Lot Number: 16110531 **Mobile Phase:** ACN:0.1% H_3PO_4 =15:85
Temperature: 20°C **Wavelength:** 277nm
Detect Time: 2016-11-05 **Inject Vol:** 20 μ L
Analyst: shuzhilin **Flow:** 1ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	8.461	3433.200	37577.977	0.2497
2	8.644	3711.000	50823.625	0.3377
3	9.428	1566.600	22310.699	0.1482
4	10.095	364327.594	14754918.000	98.0419
5	12.530	370.400	7876.900	0.0523
6	13.263	1580.600	35007.602	0.2326
7	14.864	919.953	23145.119	0.1538
8	15.448	248.748	4982.481	0.0331
9	20.684	90.242	3011.712	0.0200
10	27.020	2826.164	109943.398	0.7305