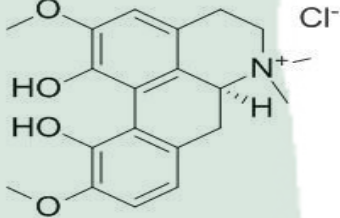


PRODUCT ID	E-0306	Structure 
PRODUCT	Magnoflorine chloride /氯化木兰花碱	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	18041024	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-04-10	
DATE OF REPORT	2018-04-10	

OTHER NAME

Escholine chloride, Thalictrine chloride

CHEMICAL FORMULA

C₂₀H₂₄NO₄Cl

MOLECULAR WEIGHT(MW)

377.86186

CAS NUMBER

6681-18-1

CHEMICAL FAMILY

Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK293—2007	NLT ≥98.0%	99.1%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK293—2007	NA	ND
Water	Q/TFFK293—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

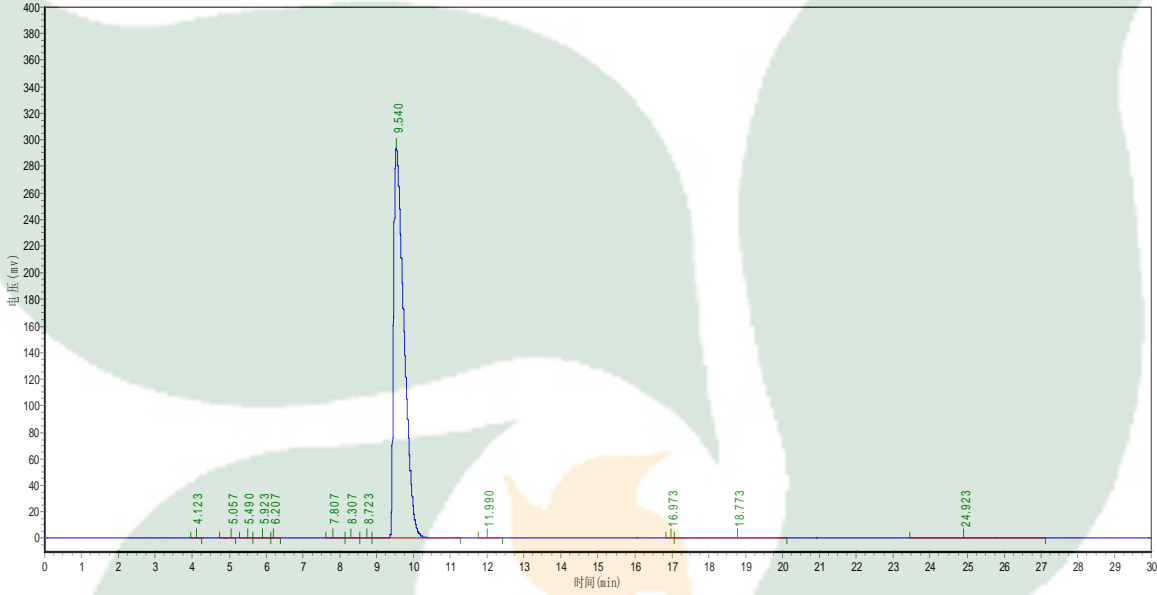
Analyst

Checker

Manager

Product Analysis Report

Product Name: Magnoflorine chloride **Chrom-Column:** Kromasil C18
Lot Number: 18041024 **Mobile Phase:** ACN:0.1%H3PO4 (15:85)
Detector: UV **Wavelength:** 277nm
Detect Time: 2018-04-10 **Inject Vol:** 20ul
Sample dissolution: MeOH:0.1%H3PO4=15:8 **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.123	68.029	738.400	0.0127
2	5.057	62.588	616.350	0.0106
3	5.490	49.000	526.200	0.0091
4	5.923	290.545	2694.764	0.0465
5	6.207	38.750	328.652	0.0057
6	7.807	119.813	1425.000	0.0246
7	8.307	58.043	546.000	0.0094
8	8.723	57.952	626.100	0.0108
9	9.540	293861.719	5748489.500	99.1904
10	11.990	68.615	1002.200	0.0173
11	16.973	15.538	106.000	0.0018
12	18.773	359.038	30834.500	0.5321
13	24.923	58.600	7475.200	0.1290