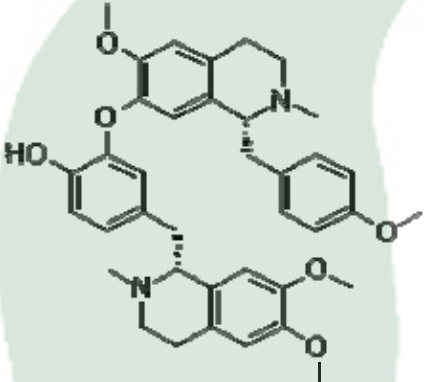


PRODUCT ID	E-0563	<p>Structure</p> 
PRODUCT	Neferine /甲基莲心碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18051521	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2018-05-15	
DATE OF REPORT	2018-05-15	

OTHER NAME

4''-O-Methyllycoperine; Methyllycoperine

CHEMICAL FORMULA

C₃₈H₄₄N₂O₆

MOLECULAR WEIGHT(MV)

624.77

CAS NUMBER

2292-16-2

CHEMICAL FAMILY

Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK534—2007	NLT ≥98.0%	99.4%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK534—2007	NA	ND
Water	Q/TFFK534—2007	≤2%	Conforms
Appearance		Pale White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

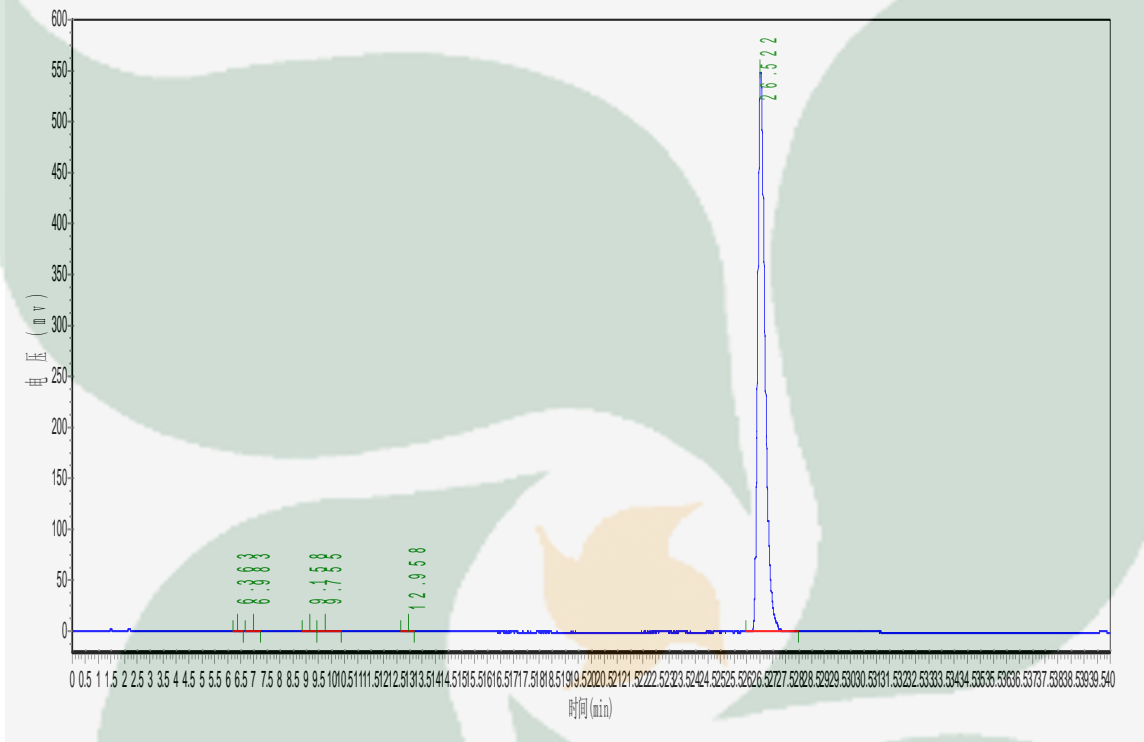
Analyst

Checker

Manager

Product Analysis Report

Product Name: Neferine **Chrom-Column:** C18
Lot Number: 18051521 **Mobile Phase:** MeOH:0.1%TEA (grads)
Detector: UV **Wavelength:** 285nm
Detect Time: 2018-05-15 **Inject Vol:** 20ul
Sample dissolution MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.363	201.164	2129.850	0.0196
2	6.983	594.735	8405.699	0.0774
3	9.158	449.784	8889.105	0.0819
4	9.755	1309.125	34834.980	0.3208
5	12.958	305.224	5165.450	0.0476
6	26.522	548654.438	10798141.000	99.4527

grads
 Time/min 0 40
 MeOH 60 90
 0.1%TEA 40 10