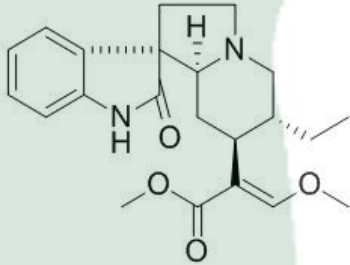


PRODUCT ID	E-0299	Structure 
PRODUCT	Rhynchophylline /钩藤碱	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	17070623	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-07-06	
DATE OF REPORT	2017-07-06	

OTHER NAME	Mitrinermine
CHEMICAL FORMULA	C ₂₂ H ₂₈ N ₂ O ₄
MOLECULAR WEIGHT(MW)	384.47
CAS NUMBER	76-66-4
CHEMICAL FAMILY	Alkaloids生物碱类
FROM	茜草科植物钩藤 <i>Uncaria rhynchophylla</i> (Miq.) Jacks.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK170—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK170—2007	NA	ND
Water	Q/TFFK170—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

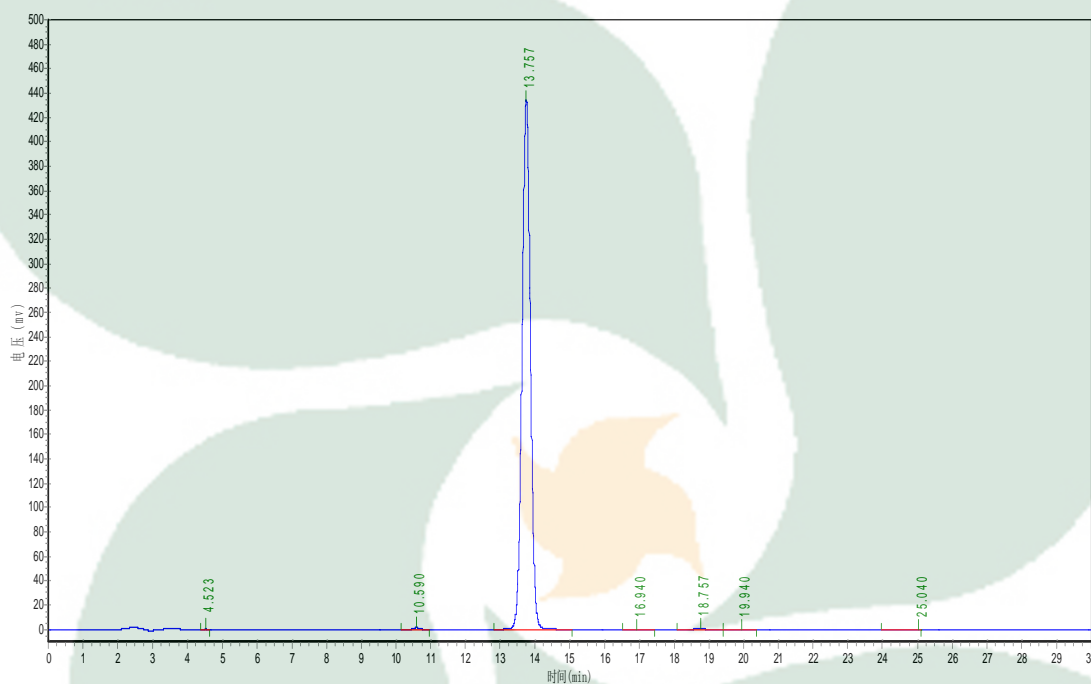
Analyst

Checker

Manager

Product Analysis Report

Product Name: Rhynchophylline **Chrom-Column:** C18
Lot Number: 17070623 **Mobile Phase:** ACN:(0.7%KH₂PO₃+0.2%TEA)=45:55
Detector: UV **Wavelength:** 254nm
Detect Time: 2017-07-06 **Inject Vol:** 20ul
Analyst: zhanghong **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.523	275.848	1693.750	0.0233
2	10.590	1413.490	18609.100	0.2564
3	13.757	434072.938	7219531.000	99.4658
4	16.940	184.768	4011.400	0.0553
5	18.757	508.062	11762.000	0.1620
6	19.940	53.175	1343.700	0.0185
7	25.040	38.659	1352.815	0.0186