

PRODUCT ID	E-2876	<p>Structure</p> 
PRODUCT	Hirsutine/毛钩藤碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16102021	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2016-10-20	
DATE OF REPORT	2016-10-20	

CHEMICAL NAME

OTHER NAME

CHEMICAL FORMULA

C₂₂H₂₈N₂O₃

MOLECULAR WEIGHT(MW)

368.47

CAS NUMBER

7729-23-9

CHEMICAL FAMILY

Alkaloids生物碱类

FROM

钩藤Uncaria rhynchophylla (Miq.) Miq. ex Havil.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK90—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK90—2007	NA	ND
Water	Q/TFFK90—2007	≤2%	Conforms
Appearance		Pale White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

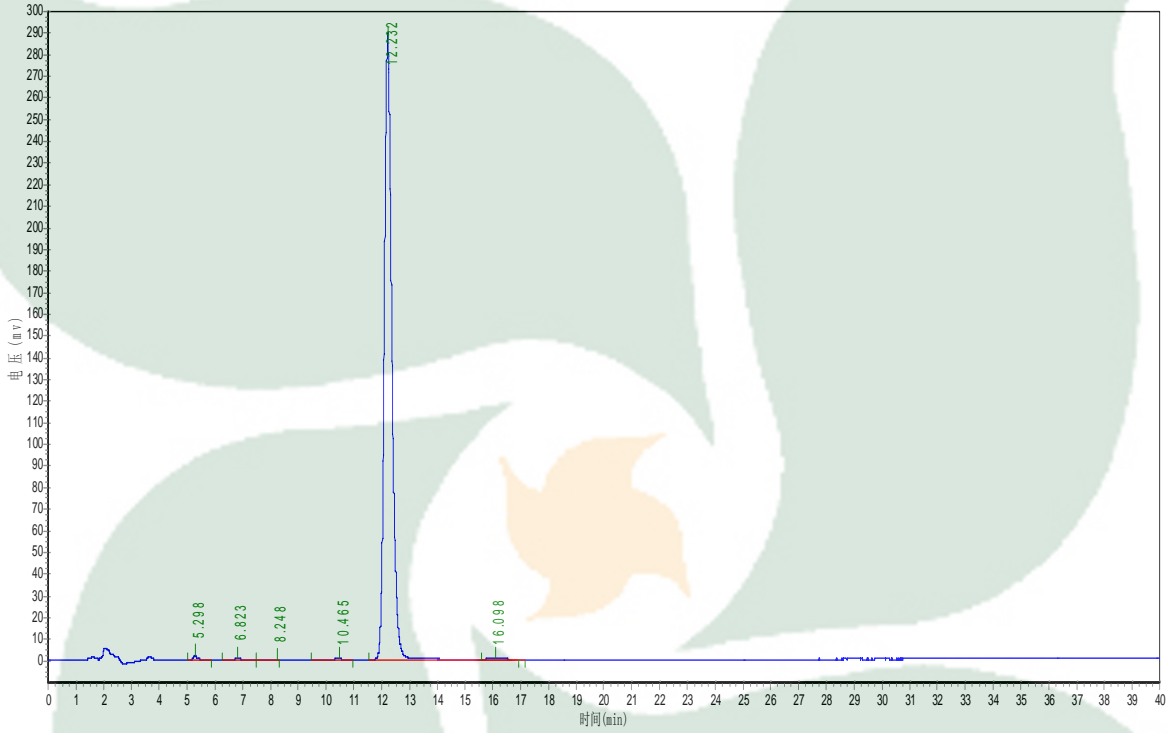
Analyst

Checker

Manager

Product Analysis Report

Product Name: Hirsutine **Chrom-Column** C18
Lot Number: 16102021 **Mobile Phase:** ACN:0.03TEA(55:45)
Detector: UV **Wavelength:** 245nm
Detect Time: 2016-10-20 **Inject Vol:** 20 μ L
Analyst: zhanghong **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.298	1795.899	17815.750	0.3243
2	6.823	443.441	18679.600	0.3400
3	8.248	33.020	6117.600	0.1114
4	10.465	243.000	7263.900	0.1322
5	12.232	288336.063	543254.000	98.8846
6	16.098	415.561	11400.979	0.2075