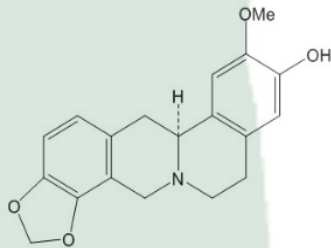


<b>PRODUCT ID</b>	E-3324	<b>Structure</b>  
<b>PRODUCT</b>	Cheilanthifoline/碎叶紫堇碱	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	18041224	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2018-04-12	
<b>DATE OF REPORT</b>	2018-04-12	

<b>OTHER NAME</b>	NA
<b>CHEMICAL FORMULA</b>	C <sub>19</sub> H <sub>19</sub> NO <sub>4</sub>
<b>MOLECULAR WEIGHT(MW)</b>	325.36
<b>CAS NUMBER</b>	483-44-3
<b>CHEMICAL FAMILY</b>	Alkaloids

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK225—2007	NLT ≥98.0%	99.9%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK225—2007	NA	ND
Water	Q/TFFK225—2007	≤2%	Conforms
Appearance		White Powder	Conforms

**STORAGE CONDITIONS**

STORAGE	Refer to the label
SHELF LIFE	2 Years

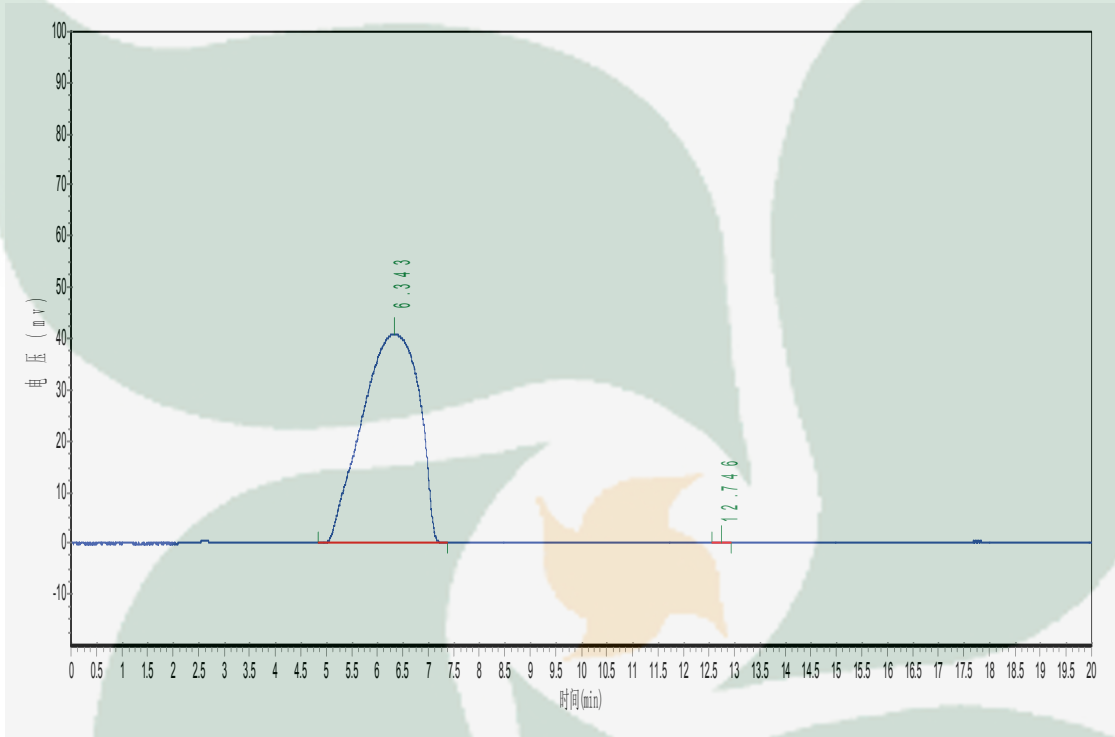
Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** Cheilanthifoline **Chrom-Column:** C18  
**Lot Number:** 18041224 **Mobile Phase:** ACN:0.015MKH<sub>2</sub>PO<sub>4</sub>=40:60  
**Detector:** UV **Wavelength:** 289nm  
**Detect Time:** 2018-04-12 **Inject Vol:** 20ul  
**Sample dissolution:** MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.343	40891.594	3172311.250	99.9546
2	12.746	128.500	1441.000	0.0454