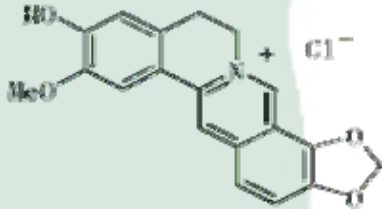


<b>PRODUCT ID</b>	E-2990	<b>Structure</b>  
<b>PRODUCT</b>	Groenlandicine/格兰地新	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	18060722	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2018-06-07	
<b>DATE OF REPORT</b>	2018-06-07	

**OTHER NAME** Tetradehydrocheilanthifoline

**CHEMICAL FORMULA** C<sub>19</sub>H<sub>16</sub>ClNO<sub>4</sub>

**MOLECULAR WEIGHT(MW)** 357.79

**CAS NUMBER** 38691-95-1

**CHEMICAL FAMILY** Alkaloids

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK252—2007	NLT ≥98.0%	98.9%
NMR		Conforms	Conforms
MS		Conforms	Conforms
<b>Residual Solvent</b>	Q/TFFK252—2007	NA	ND
<b>Water</b>	Q/TFFK252—2007	≤2%	Conforms
<b>Appearance</b>		orange Powder	Conforms

**STORAGE CONDITIONS**

STORAGE Refer to the label

SHELF LIFE 2 Years

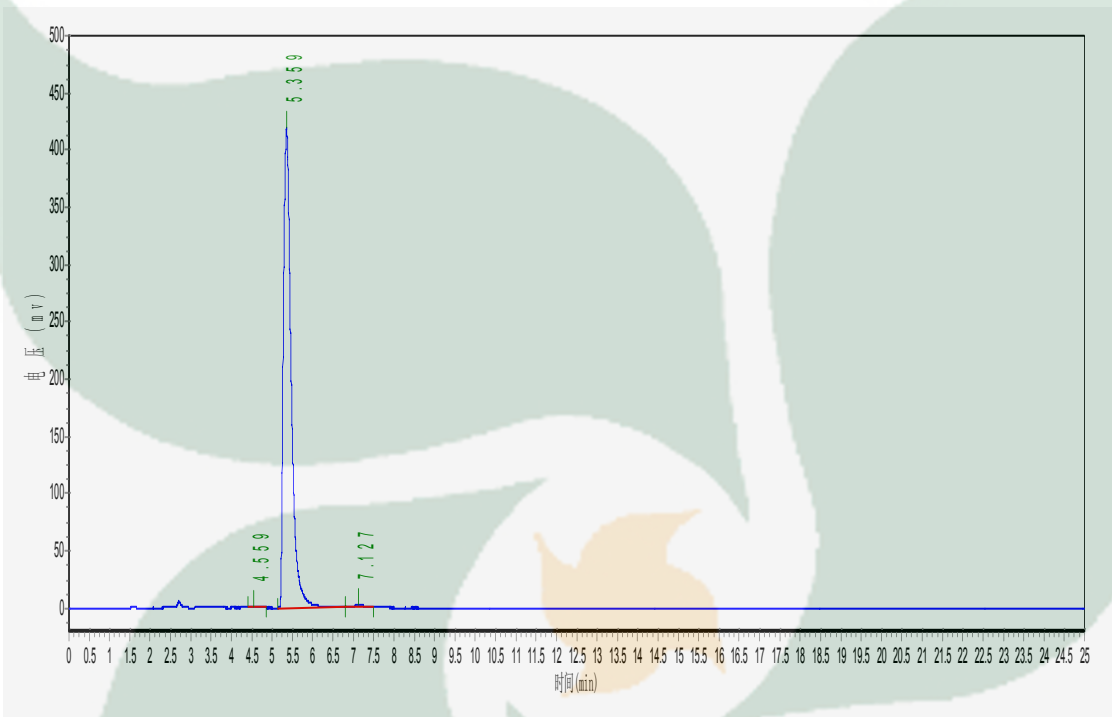
Analyst

Checker

Manager

# Product Analysis Report

Product Name: Groenlandicine Chrom-Column: C18  
Lot Number: 18060722 Mobile Phase: ACN:0.015MNa<sub>2</sub>HPO<sub>4</sub>=40:60  
Temperature: 25°C Wavelength: 254nm  
Detect Time: 2018-06-07 Inject Vol: 20μL  
Sample 70%MeOH Flow: 1ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.559	886.050	10062.412	0.1779
2	5.359	419080.406	5594675.500	98.9391
3	7.127	3253.200	49926.898	0.8829