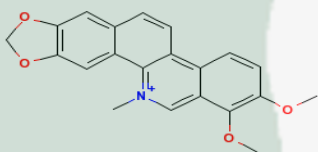


<b>PRODUCT ID</b>	E-0364	<b>Structure</b> 
<b>PRODUCT</b>	Chelerythrine / 白屈菜红碱	
<b>STANDARD TYPE</b>	Quantitative Reference Standard/ 含量测定	
<b>LOT NUMBER</b>	15043021	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2015-04-30	
<b>DATE OF REPORT</b>	2015-04-30	

<b>CHEMICAL NAME</b>	1,2-Dimethoxy-N-methyl(1,3)benzodioxolo(5,6-c)phenanthridinium chloride
<b>OTHER NAME</b>	Toddaline
<b>CHEMICAL FORMULA</b>	C <sub>21</sub> H <sub>18</sub> NO <sub>4</sub>
<b>MOLECULAR WEIGHT(MW)</b>	348.37192
<b>CAS NUMBER</b>	34316-15-9
<b>CHEMICAL FAMILY</b>	Alkaloids生物碱类
<b>FROM</b>	芸香科植物飞龙掌血Toddalia asiatica (L.)Lam. 的根

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK298—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
<b>Residual Solvent</b>	Q/TFFK298—2007	NA	ND
<b>Water</b>	Q/TFFK298—2007	≤2%	Conforms
<b>Appearance</b>		Yellow Powder	Conforms

**STORAGE CONDITIONS**

STORAGE Refer to the label

SHELF LIFE 2 Years

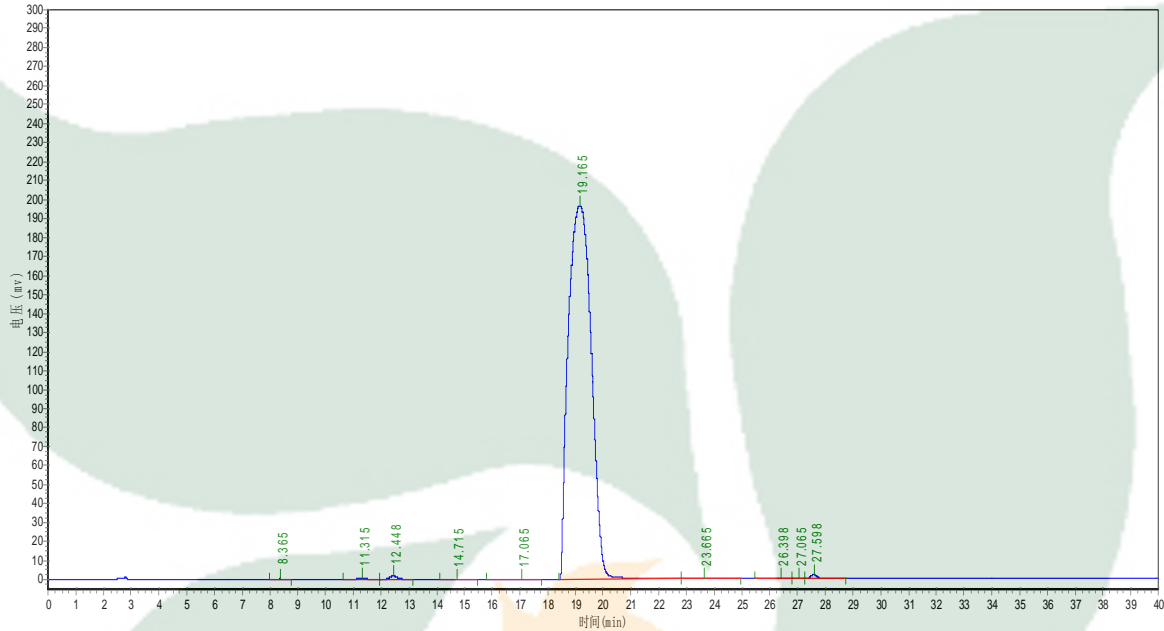
Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** Chelerythrine      **Chrom-Column:** C18  
**Lot Number:** 15043021      **Mobile Phase:** ACN:0.1%H3PO4(grads)  
**Detector:** UV      **Wavelength:** 270nm  
**Detect Time:** 2015-04-30      **Inject Vol:** 20ul  
**Analyst:** zhufangfang      **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	8.365	351.293	5534.300	0.0486
2	11.315	948.609	21231.277	0.1866
3	12.448	1714.742	38352.922	0.3370
4	14.715	303.843	8853.600	0.0778
5	17.065	140.220	5302.000	0.0466
6	19.165	196451.234	11234483.000	98.7268
7	23.665	383.348	11935.119	0.1049
8	26.398	307.831	12976.204	0.1140
9	27.065	242.022	4828.062	0.0424
10	27.598	1963.775	35866.910	0.3152

Grads

time/min	0	10	40
ACN	27	27	50
0.1%H3PO4	73	73	50

