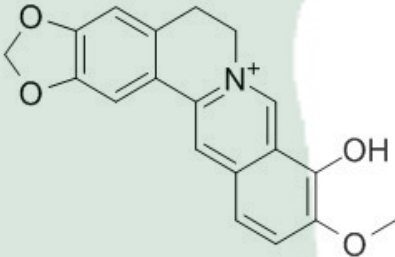


<b>PRODUCT ID</b>	E-0884	<b>Structure</b> 
<b>PRODUCT</b>	Berberrubine/小檗红碱	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	18052923	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2018-05-29	
<b>DATE OF REPORT</b>	2018-05-29	

<b>OTHER NAME</b>	NA
<b>CHEMICAL FORMULA</b>	C <sub>19</sub> H <sub>16</sub> NO <sub>4</sub> <sup>+</sup>
<b>MOLECULAR WEIGHT(MW)</b>	322.33464
<b>CAS NUMBER</b>	15401-69-1
<b>CHEMICAL FAMILY</b>	Alkaloids

#### ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK71—2006	NLT ≥97.0%	97.0%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK71—2006	NA	ND
Water	Q/TFFK71—2006	≤2%	Conforms
Appearance		Yellow Powder	Conforms

#### STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

Analyst

Checker

Manager

# Product Analysis Report

Product Name: Berberrubine

Chrom-Column: C18

Lot Number: 18052923

Mobile Phase: ACN:0.1%H3PO4=25:75

Temperature: 25°C

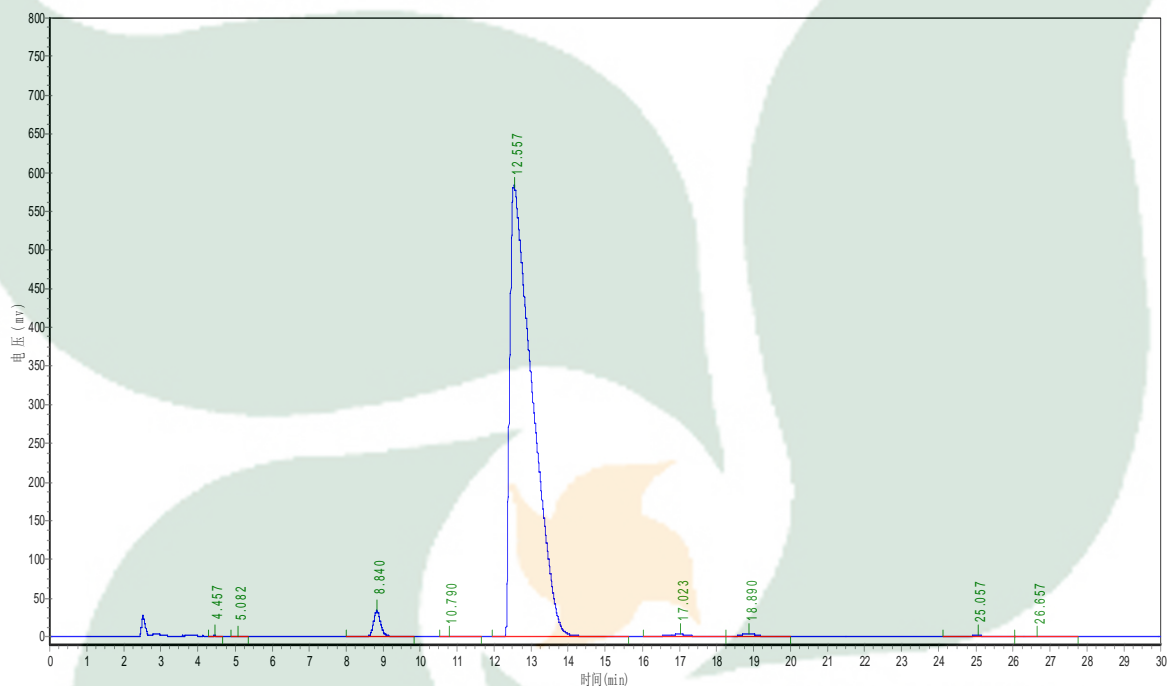
Wavelength: 280nm

Detect Time: 2018-05-29

Inject Vol: 20ul

Sample dissolution: 50%DMF

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.457	737.391	6164.200	0.0244
2	5.082	537.491	6050.000	0.0240
3	8.840	33345.578	442153.719	1.7510
4	10.790	335.000	10705.600	0.0424
5	12.557	582488.250	24509490.000	97.0640
6	17.023	2833.626	112669.156	0.4462
7	18.890	3638.442	110375.602	0.4371
8	25.057	1110.579	47625.441	0.1886
9	26.657	118.000	5621.460	0.0223