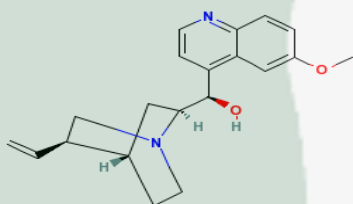


<b>PRODUCT ID</b>	E-0254	<b>Structure</b> 
<b>PRODUCT</b>	Quinine / 奎宁	
<b>STANDARD TYPE</b>	Qualitative Analysis/鉴别用	
<b>LOT NUMBER</b>	15101323	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2015-10-13	
<b>DATE OF REPORT</b>	2015-10-13	

**CHEMICAL NAME**

(R)-[(4S,5R,7S)-5-ethenyl-1-azabicyclo[2.2.2]octan-7-yl]-(6-methoxyquinolin-4-yl) methanol

**OTHER NAME**
**CHEMICAL FORMULA**

C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>

**MOLECULAR WEIGHT(MW)**

324.41676

**CAS NUMBER**

130-95-0

**CHEMICAL FAMILY**

Alkaloids生物碱类

**FROM**

茜草科金鸡纳属植物金鸡纳树Cinchona ledgeriana Moens.

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK21—2004	NLT ≥93.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK21—2004	NA	ND
Water	Q/TFFK21—2004	≤2%	Conforms
Appearance		White Powder	Conforms

**STORAGE CONDITIONS**

STORAGE

Refer to the label

SHELF LIFE

2 Years

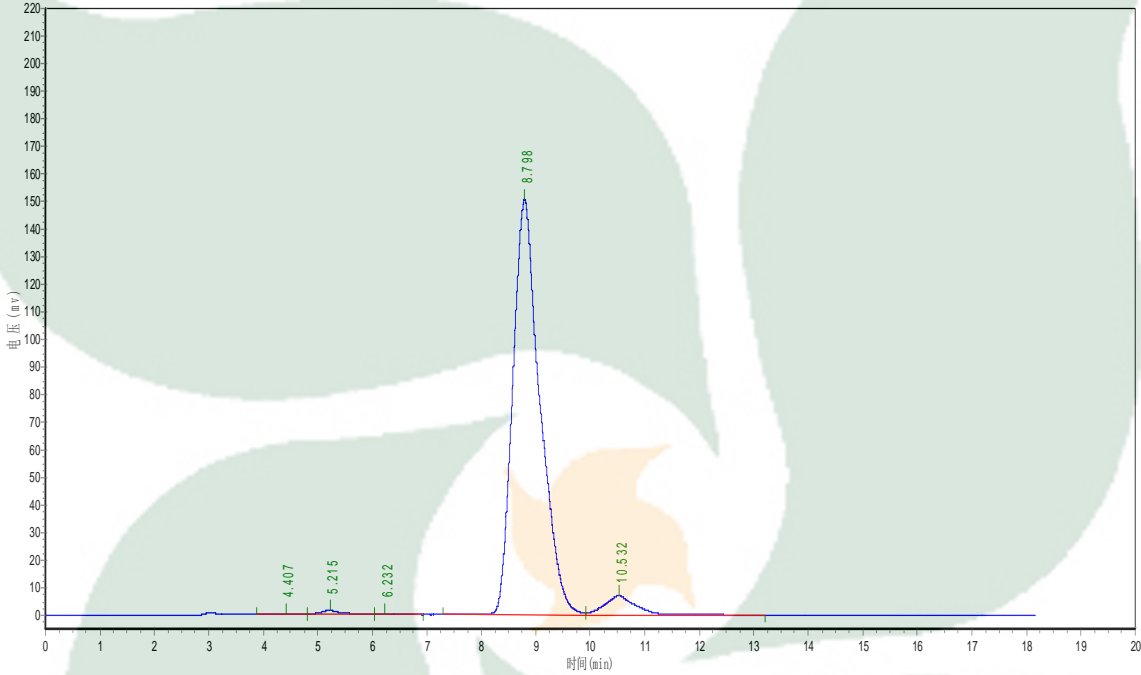
Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** Quinine      **Chrom-Column:** C18  
**Lot Number:** 15101323      **Mobile Phase:** MeOH:0.6%NH4Ac:HAc=5  
**Detector:** UV      **Wavelength:** 330nm  
**Detect Time:** 2015-10-13      **Inject Vol:** 20ul  
**Analyst:** zhufangfang      **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.407	322.582	10769.275	0.1937
2	5.215	1661.557	45423.934	0.8170
3	6.232	137.557	4100.092	0.0737
4	8.798	150640.984	5222575.500	93.9385
5	10.532	6843.141	276700.469	4.9770