



**同田生物**  
**TAUTO BIOTECH**

地址：上海市张江高科技园区爱迪生路326号 邮编：201203

销售热线：400-820-3059

86-21-51320588-8008/8035/8026/8025

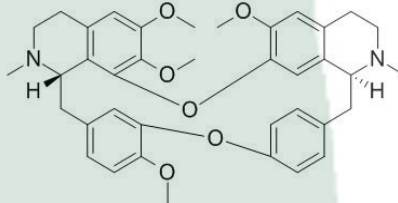
传真：86-21-51320502

QQ:800015916

MSN:Tauto\_shanghai@hotmail.com

URL: www.tautobiotech.com

Mail: sales2@tautobiotech.com export2@tautobiotech.com

<b>PRODUCT ID</b>	E-0322	<b>Structure</b> 
<b>PRODUCT</b>	D-Tetrandrine/汉防己甲素	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	17041724	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2017-04-17	
<b>DATE OF REPORT</b>	2017-04-17	

**CHEMICAL NAME** (1beta)-6,6',7,12-Tetramethoxy-2,2'-dimethylberbaman

**OTHER NAME** Fanchinine, Sinomenine A

**CHEMICAL FORMULA** C<sub>38</sub>H<sub>42</sub>N<sub>2</sub>O<sub>6</sub>

**MOLECULAR WEIGHT(MW)** 622.74988

**CAS NUMBER** 518-34-3

**CHEMICAL FAMILY** Alkaloids生物碱类

**FROM** 防己科植物粉防己Stephania tetrandra S.Moore 的干燥根

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK335—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK335—2007	NA	ND
Water	Q/TFFK335—2007	≤2%	Conforms
Appearance		White Powder	Conforms

**STORAGE CONDITIONS**

STORAGE Refer to the label

SHELF LIFE 2 Years

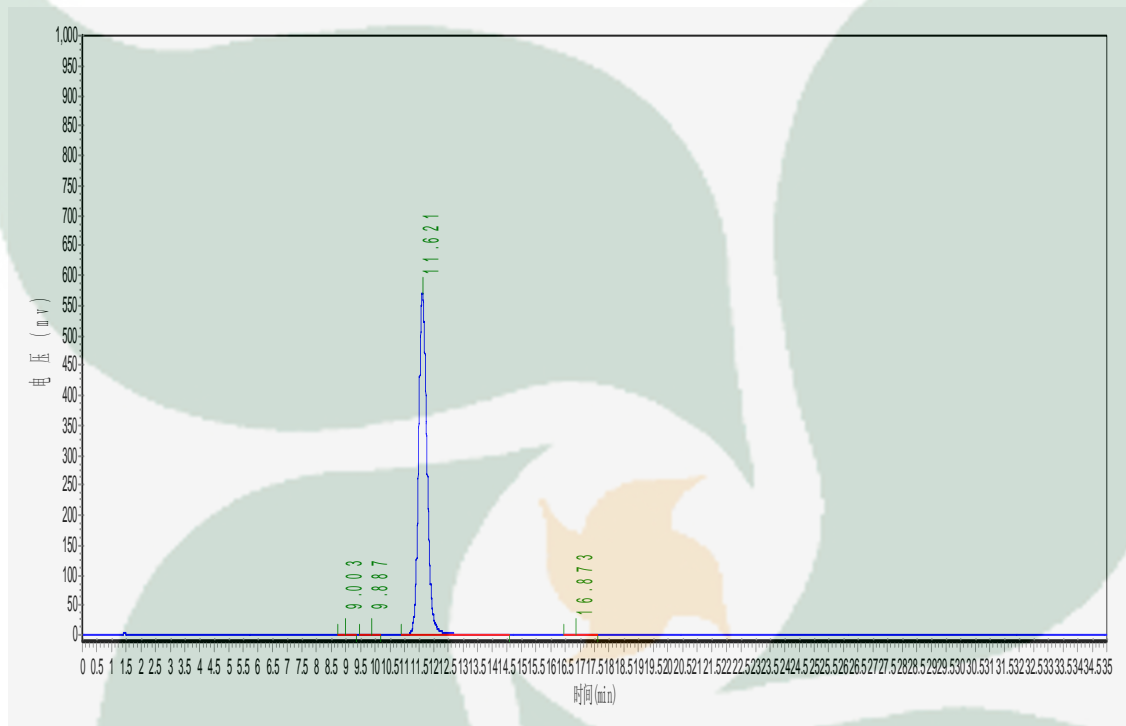
Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** d-Tetraandrine      **Chrom-Column:** C18  
**Lot Number:** 17041724      **Mobile Phase:** MeOH: ACN:  
0.1%TEA=60: 20:  
20  
**Detector:** UV      **Wavelength:** 275nm  
**Detect Time:** 2017-04-17      **Inject Vol:** 20ul  
**Analyst:** shuzhilin      **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	9.003	254.651	4386.958	0.0383
2	9.887	202.075	3787.962	0.0331
3	11.621	568549.625	11419125.000	99.7346
4	16.873	844.379	22207.611	0.1940