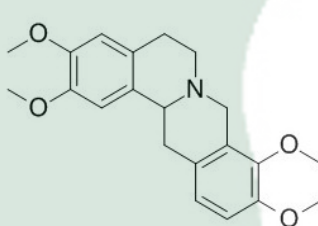


<b>PRODUCT ID</b>	E-0068	<p><b>Structure</b></p> 
<b>PRODUCT</b>	Tetrahydropalmatine /延胡索乙素	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	17031541	
<b>ASSAY METHOD</b>	HPLC,NMR	
<b>DATE OF SAMPLE</b>	2017-03-15	
<b>DATE OF REPORT</b>	2017-03-15	

**CHEMICAL NAME** (13aS)-2,3,9,10-tetramethoxy-6,8,13,13a-tetrahydro-5H-isoquinolino[2,1-b]isoquinoline

**OTHER NAME**

**CHEMICAL FORMULA** C<sub>21</sub>H<sub>25</sub>NO<sub>4</sub>

**MOLECULAR WEIGHT(MW)** 355.4275

**CAS NUMBER** 2934-97-6

**CHEMICAL FAMILY** Alkaloids生物碱

**FROM** 罂粟科植物延胡索Corydalis yanhusuo W. T. Wang 的干燥块茎

#### ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK463—2007	NLT ≥98%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK463—2007	NA	ND
Water	Q/TFFK463—2007	≤2%	Conforms
Appearance		white powder	Conforms

#### STORAGE CONDITIONS

STORAGE Refer to the label  
SHELF LIFE 2 Years

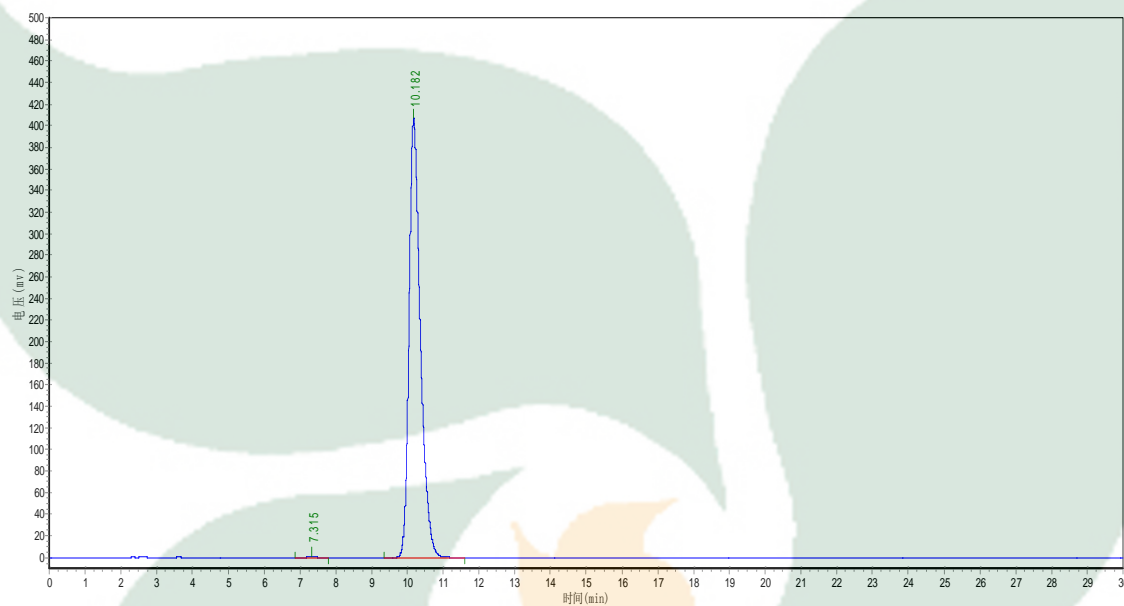
Analyst

Checker

Manager

# Product Analysis Report

Product Name: Tetrahydropalmatine Chrom-Column: C18  
Lot Number: 17031541 Mobile Phase: MeOH:(0.1%H3PO4,TEA  
PH=7.0) (70: 30)  
Detector: UV Wavelength: 281nm  
Detect Time: 2017-03-15 Inject Vol: 20ul  
Analyst: zhanghong Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	7.315	818.754	14508.984	0.1619
2	10.182	405935.750	8944814.000	99.8381