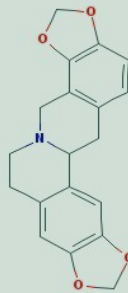


PRODUCT ID	E-0883	<p>Structure</p> 
PRODUCT	Tetrahydrocoptisine/四氢黄连碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	14090121	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2014-09-01	
DATE OF REPORT	2014-09-01	

CHEMICAL NAME

OTHER NAME

CHEMICAL FORMULA

C₁₉H₁₇NO₄

MOLECULAR WEIGHT(MW)

323.34

CAS NUMBER

7461-2-1

CHEMICAL FAMILY

FROM

罂粟科植物延胡索的块茎

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK549—2008	NLT ≥97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK549—2008	NA	ND
Water	Q/TFFK549—2008	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

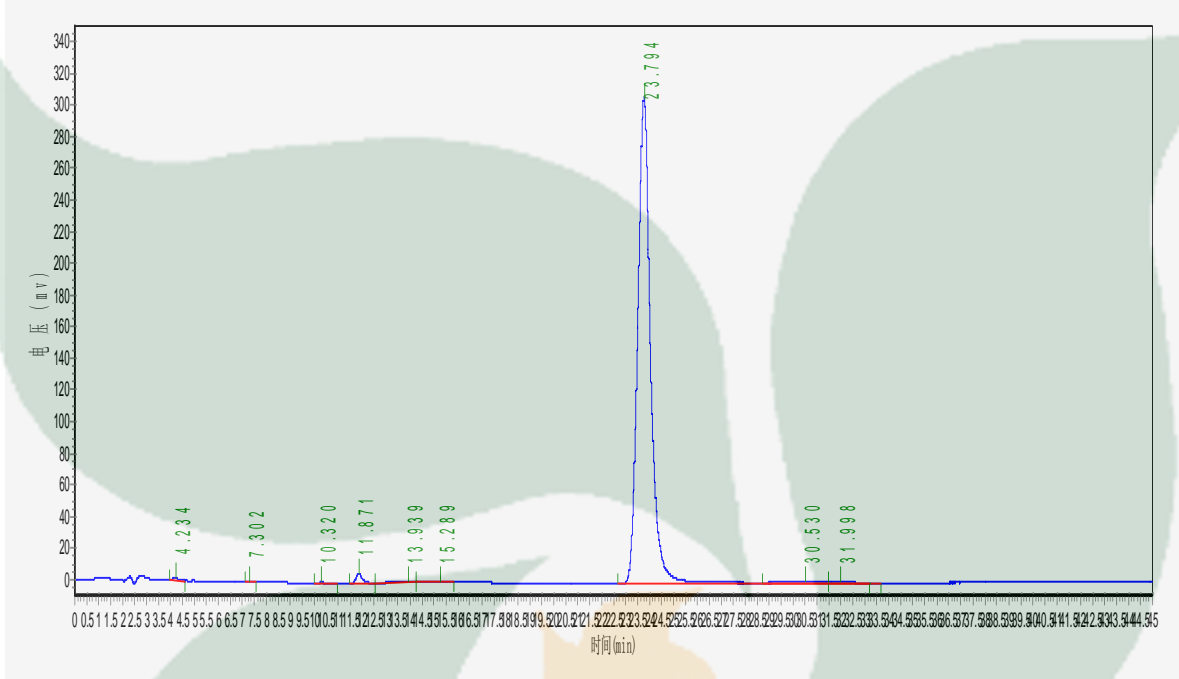
Analyst

Checker

Manager

Product Analysis Report

Product Name: Tetrahydrocoptisine Chrom-Column: C18
 Lot Number: 14090121 Mobile Phase: ACN:H2O=50:50
 Detector: UV Wavelength: 214nm
 Detect Time: 2014-09-01 Inject Vol: 20ul
 Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.234	1623.513	26840.600	0.2319
2	7.302	440.725	4774.654	0.0413
3	10.320	458.053	7395.800	0.0639
4	11.871	5566.556	98282.797	0.8493
5	13.939	850.198	23714.887	0.2049
6	15.289	340.782	31271.609	0.2702
7	23.794	306695.406	11311202.000	97.7458
8	30.530	330.985	36429.195	0.3148
9	31.998	673.343	32152.990	0.2779