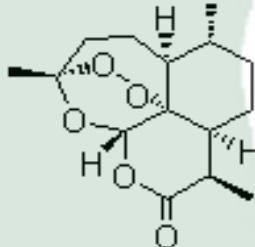


PRODUCT ID	E-0975	Structure 
PRODUCT	Artemisinin/青蒿素	
STANDARD TYPE	Qualitative Analysis/鉴别用	
LOT NUMBER	15102227	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-10-22	
DATE OF REPORT	2015-10-22	

CHEMICAL NAME
OTHER NAME

(+)-Arteannuin; Qinghaosu; [3R-(3R,5aS,6S,8aS,9R,10R,12S,12aR**)]-Decahydro-3,6,9-trimethyl-3,12-epoxy-12H-pyrano[4,3-j]-1,2-benzodioxepin-10-one

CHEMICAL FORMULA

 C₁₅H₂₂O₅
MOLECULAR WEIGHT(MV)

282.33

CAS NUMBER

63968-64-9

CHEMICAL FAMILY
FROM
ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK302—2007	NLT ≥95.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK302—2007	NA	ND
Water	Q/TFFK302—2007	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

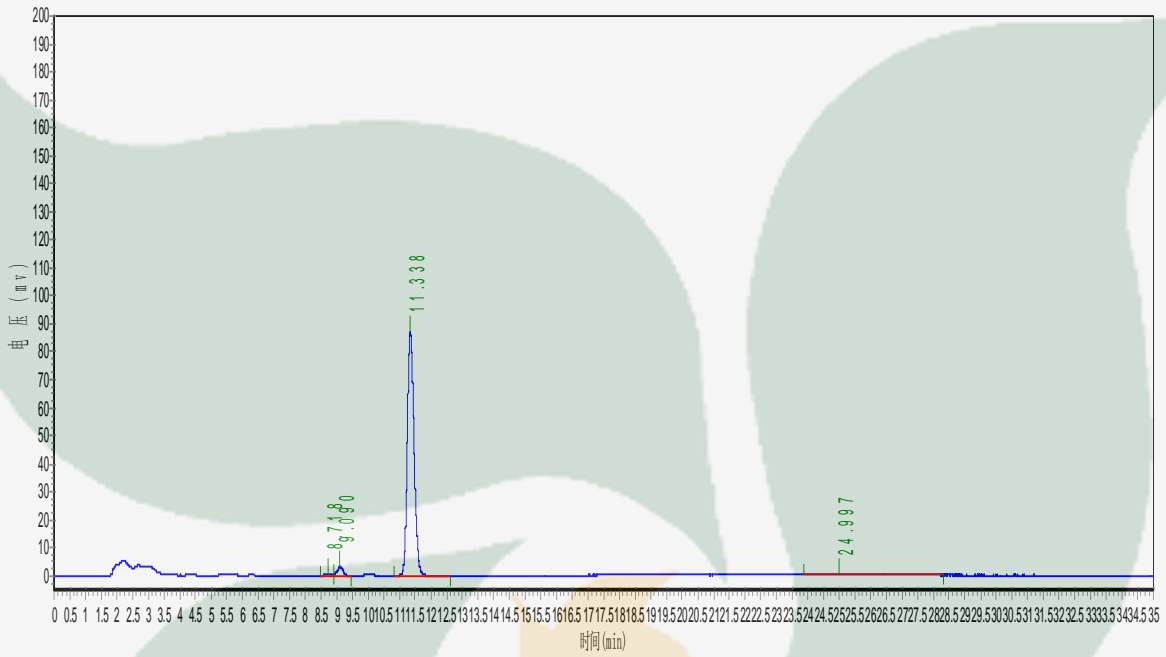
Analyst

Checker

Manager

Product Analysis Report

Product Name: Artemisinin Chrom-Column: C18
Lot Number: 15102227 Mobile Phase: ACN:H2O (60:40)
Detector: UV Wavelength: 210nm
Detect Time: 2015-10-22 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	8.718	719.555	8526.895	0.6263
2	9.090	3126.302	38841.129	2.8527
3	11.338	86906.688	1300693.375	95.5289
4	24.997	222.455	13508.804	0.9921