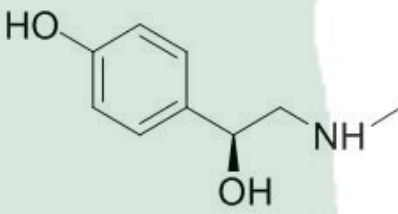


PRODUCT ID	E-0171	Structure 
PRODUCT	Synephrine /辛弗林	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16090141	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-09-01	
DATE OF REPORT	2016-09-01	

CHEMICAL NAME

4-[1-hydroxy-2-(methylamino)ethyl]phenol

OTHER NAME

Oxedrine

CHEMICAL FORMULA

C₉H₁₃NO₂

MOLECULAR WEIGHT(MW)

167.20502

CAS NUMBER

94-07-5

CHEMICAL FAMILY

Alkaloids生物碱类

FROM

芸香科植物酸橙Citrus aurantium L. 干燥未成熟果实

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK175—2007	NLT ≥97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK175—2007	NA	ND
Water	Q/TFFK175—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

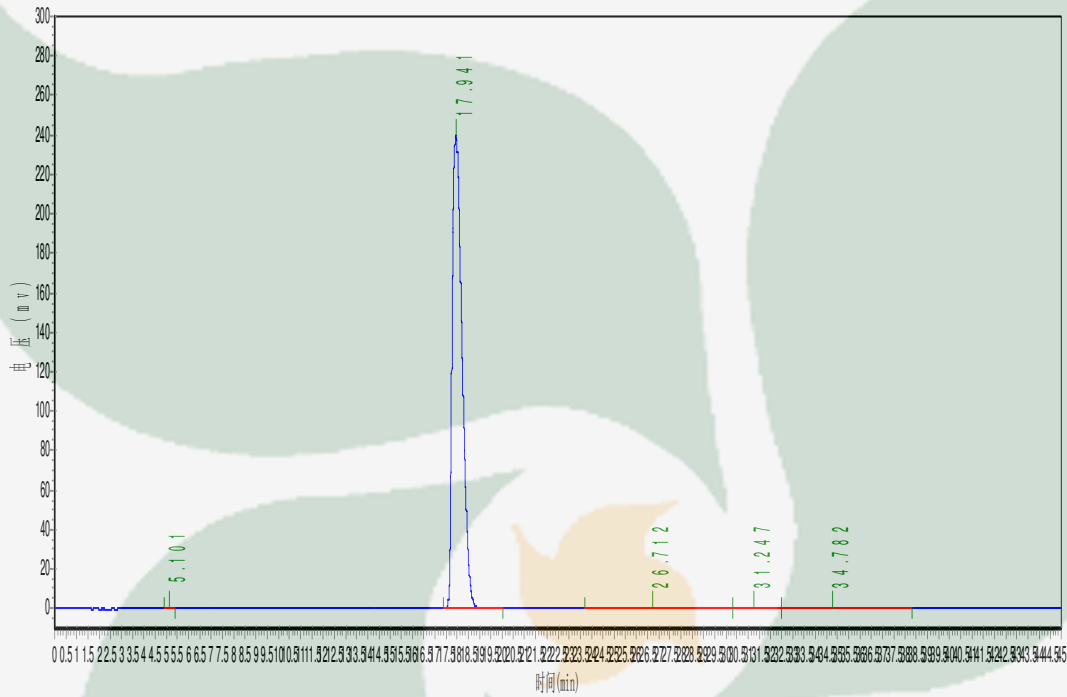
Analyst

Checker

Manager

Product Analysis Report

Product Name: Synephrine Chrom-Column: C18
Lot Number: 16090141 Mobile Phase: MeOH:0.1%HAC(1g/LSDS+0.6g/LKH2PO4)=50:50
Temperature: 25°C Wavelength: 275nm
Detect Time: 2016-09-01 Inject Vol: 20ul
Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.101	601.603	5020.700	0.0665
2	17.941	239320.266	7356006.000	97.4197
3	26.712	787.520	148611.875	1.9682
4	31.247	154.547	12383.360	0.1640
5	34.782	152.773	28817.041	0.3816