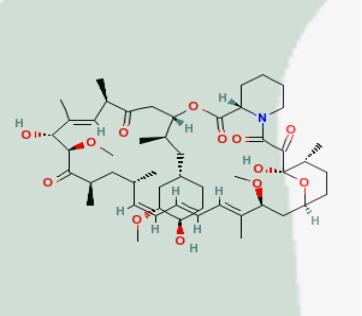


PRODUCT ID	E-0057	Structure 
PRODUCT	Sirolimus /西罗莫司	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	15102141	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-10-21	
DATE OF REPORT	2015-10-21	

CHEMICAL NAME

(1R,9S,12S,15R,16E,18R,19R,21R,23S,24E,26E,28E,30S,32S,35R)-1,18-Dihydroxy-12-[(2S)-1-[(1S,3R,4R)-4-hydroxy-3-methoxycyclohexyl]propan-2-yl]-19,30-dimethoxy-15,17,21,23,29,35-hexamethyl-11,36-dioxo-4-azatricyclo[30.3.1.04,9]hexatriaconta-16,24,26,28-tetraene-2,3,10,14,20-pentone

OTHER NAME

Rapamycin

CHEMICAL FORMULA

C₅₁H₇₉NO₁₃

MOLECULAR WEIGHT(MW)

914.17186

CAS NUMBER

53123-88-9

CHEMICAL FAMILY

FROM

streptomyces hygroscopicus

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK21—2004	NLT ≥96.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK21—2004	NA	ND
Water	Q/TFFK21—2004	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

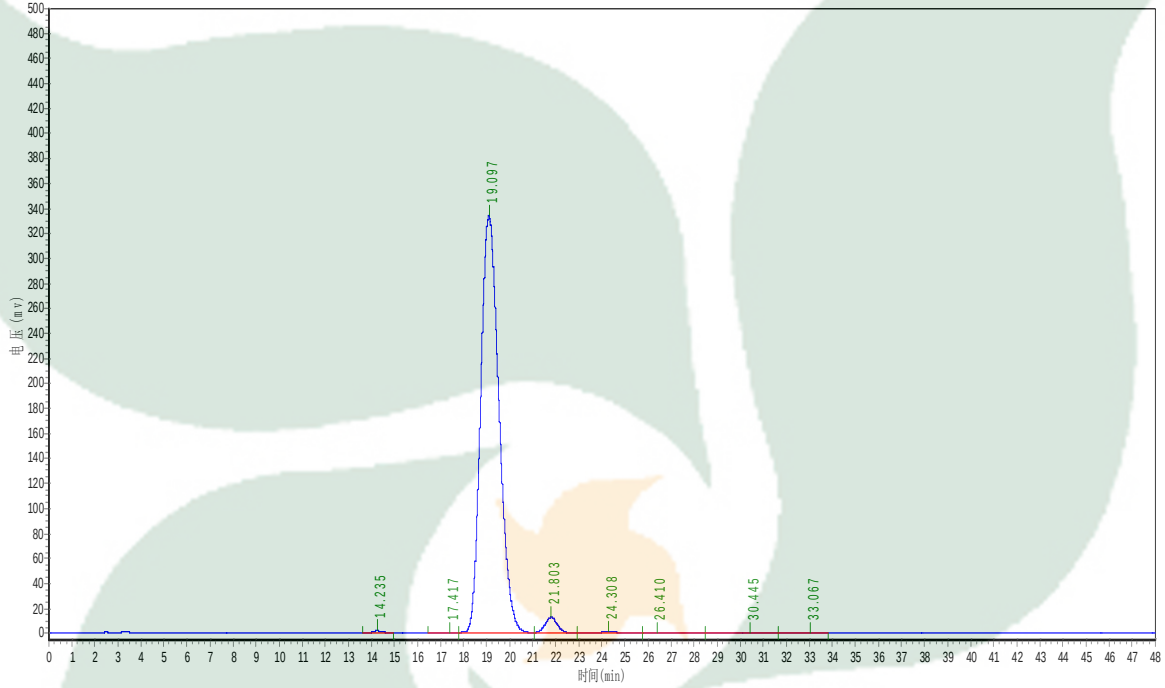
Checker

Manager

Product Analysis Report

Product Name: Sirolimus
Lot Number: 15102141
Detector: UV
Detect Time: 2015-10-21
Analyst: zhufangfang

Chrom-Column: C18
Mobile Phase: ACN:H2O=65:35
Wavelength: 277nm
Inject Vol: 20ul
Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	14.235	1726.544	43691.203	0.2302
2	17.417	460.659	23793.695	0.1254
3	19.097	333329.938	18333602.000	96.5888
4	21.803	12463.737	483634.656	2.5480
5	24.308	834.316	68946.320	0.3632
6	26.410	319.117	19405.047	0.1022
7	30.445	48.300	4486.700	0.0236
8	33.067	71.924	3527.000	0.0186