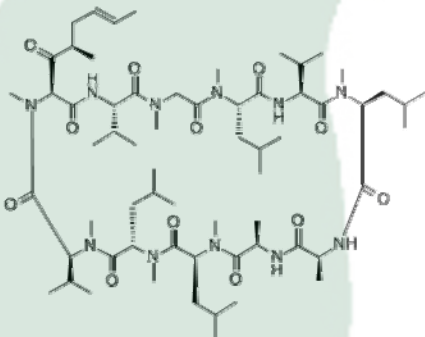


PRODUCT ID	E-0169	Structure 
PRODUCT	Cyclosporin D/环孢菌素D	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18053006	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-05-30	
DATE OF REPORT	2018-05-30	

OTHER NAME	环孢素D
CHEMICAL FORMULA	C63H113N11O12
MOLECULAR WEIGHT(MW)	1216.63782
CAS NUMBER	63775-96-2
CHEMICAL FAMILY	Antibiotics

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK71—2006	NLT ≥98.0%	99.0%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK71—2006	NA	ND
Water	Q/TFFK71—2006	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

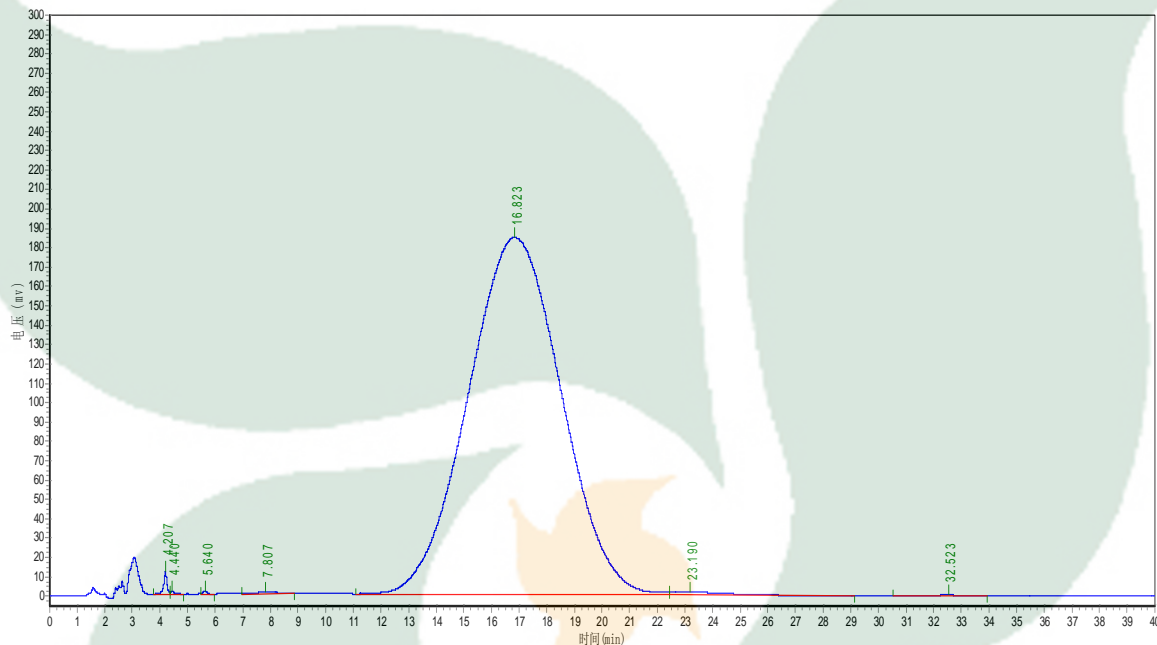
Analyst

Checker

Manager

Product Analysis Report

Product Name: Cyclosporin D **Chrom-Column:** C18
Lot Number: 18053006 **Mobile Phase:** ACN:H2O=80:20
Temperature: 45°C **Wavelength:** 210nm
Detect Time: 2018-05-30 **Inject Vol:** 20ul
Sample dissolution: MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.207	11982.195	100358.977	0.2295
2	4.440	1702.038	18422.074	0.0421
3	5.640	1734.600	17037.600	0.0390
4	6.323	203.006	4767.438	0.0109
5	7.807	1175.983	55044.547	0.1259
6	16.823	184458.156	43308336.000	99.0522
7	23.190	1434.597	201910.813	0.4618
8	32.523	288.412	21640.900	0.0495