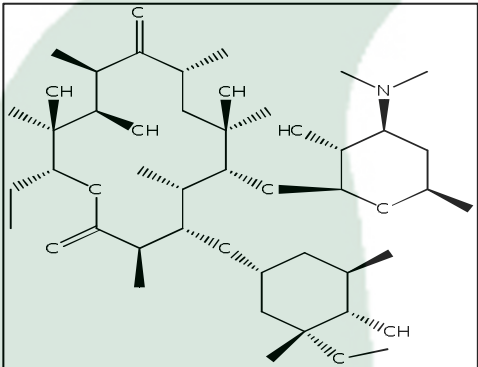


PRODUCT ID	E-0288	Structure 
PRODUCT	红霉素A/Erythromycin A	
STANDARD TYPE	Quantitative Reference Standard/含量测定	
LOT NUMBER	15062716	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-06-27	
DATE OF REPORT	2015-06-27	

CHEMICAL NAME

(((2S,3R,4S,6R)-4-(dimethylamino)-3-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-14-ethyl-7,12,13-trihydroxy-4-(((1R,3R,4S,5R)-4-hydroxy-3-methoxy-3,5-dimethylcyclohexyl)oxy)-3,5,7,9,11,13-

OTHER NAME
CHEMICAL FORMULA

C₃₈H₆₉NO₁₂

MOLECULAR WEIGHT(MW)

731.48

CAS NUMBER

114-07-8

CHEMICAL FAMILY

大环内酯类

FROM
ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK603—2007	NLT ≥96.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK603—2007	NA	ND
Water	Q/TFFK603—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS
STORAGE

Refer to the label

SHELF LIFE

2 Years

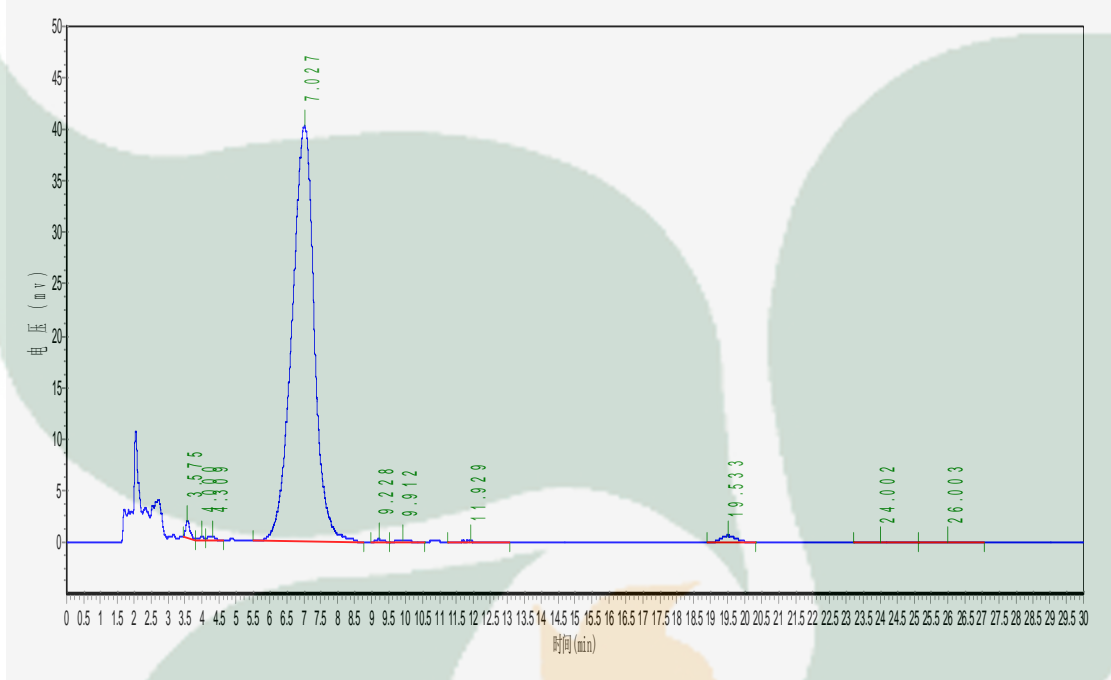
Analyst

Checker

Manager

Product Analysis Report

Product Name: Erythromycin A **Chrom-Column:** C18
Lot Number: 15062716 **Mobile Phase:** 乙腈: 0.87%磷酸氢二钾=60: 40
Detector: UV **Wavelength:** 215nm
Detect Time: 2015-06-27 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	3.575	1737.727	16873.229	0.8820
2	4.000	380.317	3763.300	0.1967
3	4.309	432.255	5931.252	0.3100
4	7.027	40303.621	1841345.250	96.2471
5	9.228	263.612	4132.825	0.2160
6	9.912	133.286	4762.559	0.2489
7	11.929	84.224	4098.359	0.2142
8	19.533	681.000	23059.199	1.2053
9	24.002	71.000	5450.000	0.2849
10	26.003	48.000	3728.300	0.1949