



同田生物
TAUTO BIOTECH

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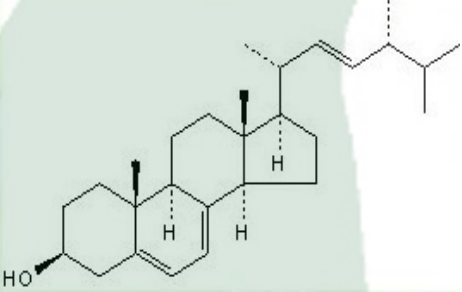
86-21-51320588-8008/8035/8026/8025

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PRODUCT ID	E-0777	Structure 
PRODUCT	Ergosterol/麦角甾醇	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17111421	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-11-14	
DATE OF REPORT	2017-11-14	

CHEMICAL NAME

OTHER NAME

Ergosterol

CHEMICAL FORMULA

C₂₈H₄₄O

MOLECULAR WEIGHT(MW)

396.65

CAS NUMBER

57-87-4

CHEMICAL FAMILY

FROM

Claviceps purpurea (Fr.) Tul.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK646—2010	NLT ≥97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK646—2010	NA	ND
Water	Q/TFFK646—2010	≤2%	Conforms
Appearance		white Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

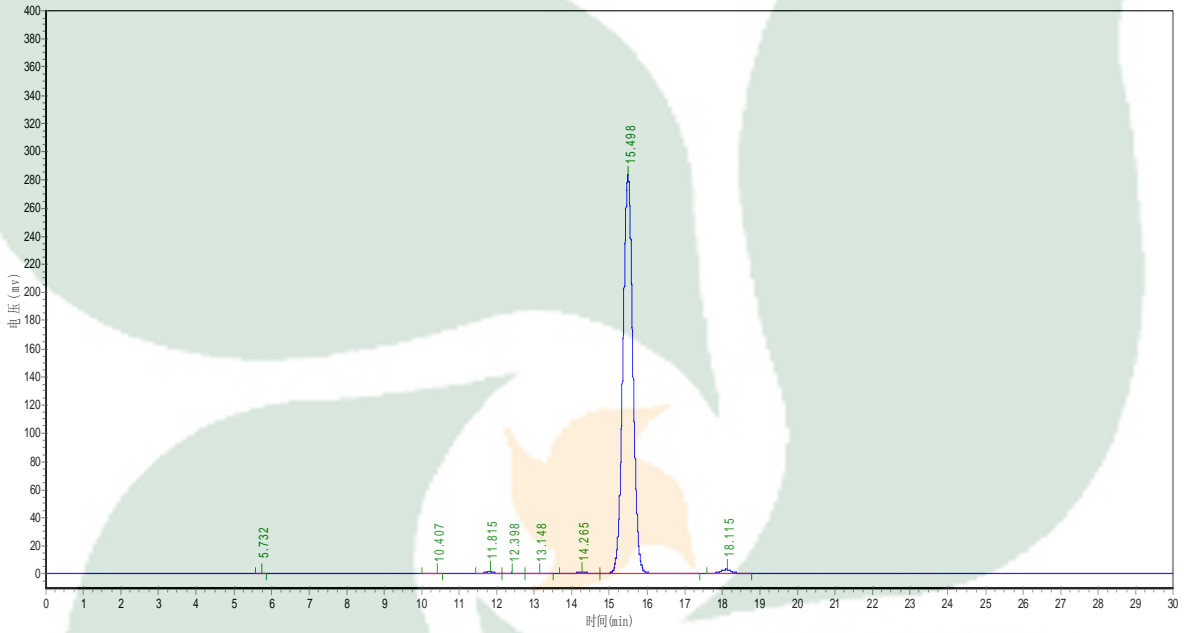
Analyst

Checker

Manager

Product Analysis Report

Product Name: Ergosterol **Chrom-Column:** C18
Lot Number: 17111421 **Mobile Phase:** 100%MeOH
Detector: UV **Wavelength:** 283nm
Detect Time: 2017-11-14 **Inject Vol:** 20ul
Analyst: zhanghong **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.732	52.294	480.200	0.0089
2	10.407	91.471	1604.000	0.0298
3	11.815	1592.076	22978.436	0.4272
4	12.398	482.278	7031.464	0.1307
5	13.148	292.667	6263.500	0.1164
6	14.265	1000.268	18635.227	0.3464
7	15.498	283232.656	5253180.500	97.6590
8	18.115	3235.169	68929.203	1.2814