



**同田生物**  
**TAUTO BIOTECH**

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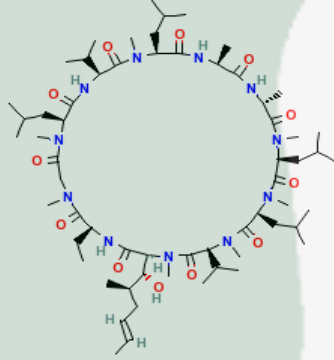
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

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<b>PRODUCT ID</b>	E-0342	<p><b>Structure</b></p> 
<b>PRODUCT</b>	Cyclosporin A /环孢菌素A	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	16011541	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2016-01-15	
<b>DATE OF REPORT</b>	2016-01-15	

**CHEMICAL NAME**

(2S,5S,8S,11S,14R,17S,20S,23S,26S,32S)-32-ethyl-2-[(E,1R,2R)-1-hydroxy-2-methylhex-4-enyl]-3,6,9,12,14,17,21,27,30-nonamethyl-8,11,20,26-tetrakis(2-methylpropyl)-5,23-di(propan-2-yl)-3,6,9,12,15,18,21,24,27,30,33-undecazacyclotriactane-1,4,7,10,13,16,19,22,25,28,31-undecone

**OTHER NAME**

**CHEMICAL FORMULA**

C<sub>62</sub>H<sub>111</sub>N<sub>11</sub>O<sub>12</sub>

**MOLECULAR WEIGHT(MW)**

1202.61124

**CAS NUMBER**

59865-13-3

**CHEMICAL FAMILY**

抗生素

**FROM**

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK338—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK338—2007	NA	ND
Water	Q/TFFK338—2007	≤2%	Conforms
Appearance		White Powder	Conforms

**STORAGE CONDITIONS**

STORAGE

Refer to the label

SHELF LIFE

2 Years

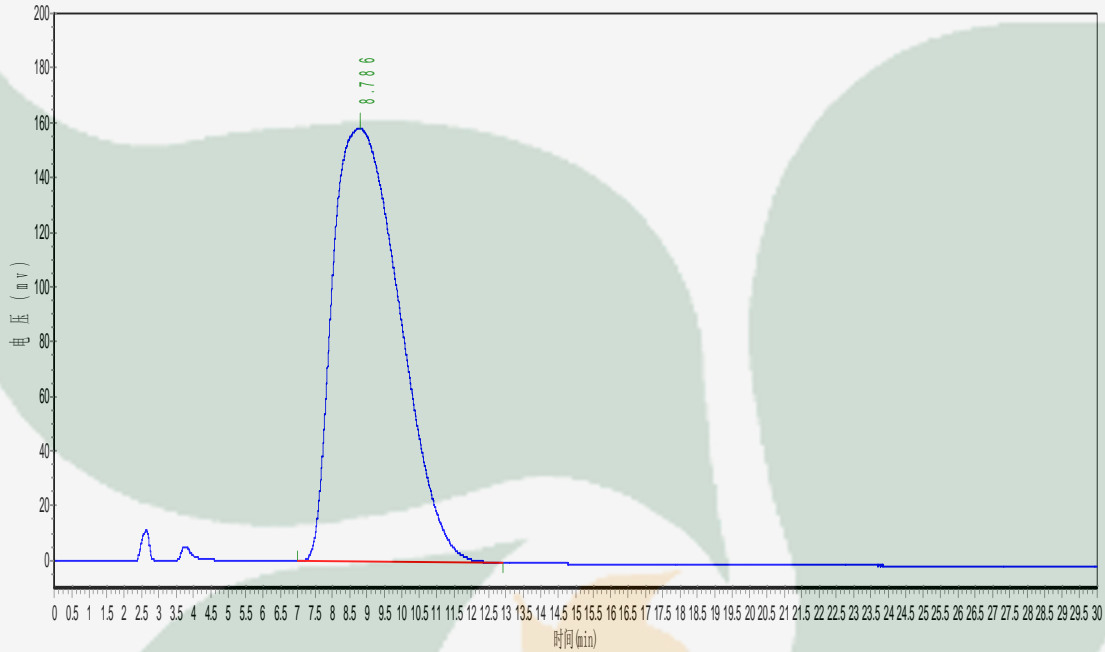
Analyst

Checker

Manager

# Product Analysis Report

Product Name: Cyclosporin A      Chrom-Column: C18  
Lot Number: 16011541      Mobile Phase: MeOH:H2O=90:10  
Detector: UV      Wavelength: 214nm  
Detect Time: 2016-01-15      Inject Vol: 20ul  
Analyst: shuzhilin      Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	8.786	158277.531	21263656.000	100.0000