



Wuhan HengHeDa Pharm Co., Ltd

Tel:86-27-84888681 Fax:86-27-84888682

Wuhan Economic& Technological Development Zone, Wuhan, China

CERTIFICATE OF ANALYSIS

Product name	Sirolimus	CAS NO.	53123-88-9
Molecular formula	C ₃₃ H ₃₁ NO ₂	Molecular weight	473.6
Batch NO.	20200518	Quantity	3.9kg
Production date	May 17, 2020	Expiry Date	May 16, 2022
Test based on enterprise standard			
Test Item	Specification	Result	
Appearance	White or off-white powder	Off white powder	
Identification	IR: Sample spectrum corresponds to that of Standard spectrum.	Conform	
Water	Not more than 0.5 %	0.3%	
Heavy metals	Not more than 20ppm	Conform	
Related substance	Not more than 0.2%	0.10%	
Cis-Stereoisomer of Rapamycin	Not more than 5.0%	1.6%	
Single Max. Unknown impurity	Not more than 1.0%	0.34%	
Any other total impurity	Not more than 2.0%	1.54%	

Purity(include Cis-Stereoisomer)	Not less than 98.0%	98.5%
Conclusion: This product complies with above specification.		

Inspector

Shen Wu

Director

King Yang

