

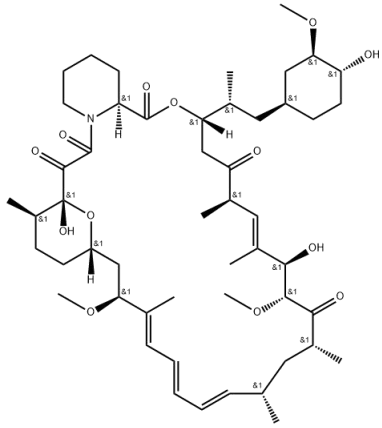


# Wuhan HengHeDa Pharm Co., Ltd

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Wuhan Economic& Technological Development Zone, Wuhan, China

## CERTIFICATE OF ANALYSIS

Product name	Sirolimus	
CAS NO	53123-88-9	
Molecular formula	C33H31NO2	
Molecular weight	473.6	
Quantity	5kg	
Batch NO	HHD20220509	
Production date	2022.05.09	
Expiry Date	2024.05.08	

Test based on enterprise standard

Test Item	Specification	Result
Appearance	White or off-white powder	Conforms
Identification	IR:Sample spectrum corresponds to that of Standard spectrum.	Conforms
Water	≤0.5%	0.3%
Heavy metals	≤20ppm	Conforms
Related substance	≤0.2%	0.10%
Cis-Stereoisomer of Rapamycin	≤5.0%	1.6%
Single Max.Unknown impurity	≤1.0%	0.34%
Any other total impurity	≤2.0%	1.54%
Purity(include Cis-Stereoisomer)	≥98.0%	98.5%

Storage	Store in cool & dry place, keep away from strong light and heat.
Shelf life	2 years when properly stored.
Conclusion: This product complies with above specification.	

Inspector  
Shen Wu

Director  
King Yang

