

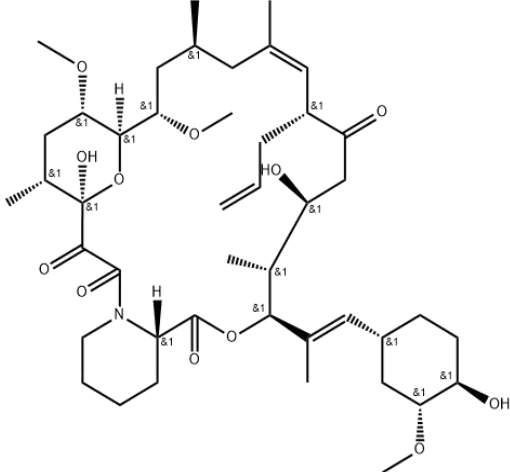


Wuhan HengHeDa Pharm Co., Ltd

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

Wuhan Economic& Technological Development Zone, Wuhan, China

CERTIFICATE OF ANALYSIS

Product name	Tacrolimus	
CAS NO	104987-11-3	
Molecular formula	C ₄₄ H ₆₉ NO ₁₂	
Molecular weight	804.02	
Quantity	3kg	
Batch NO	HHD20230324	
Production date	2023.03.24	
Expiry Date	2025.03.23	

Test based on enterprise standard

Test Item	Specification	Result
Appearance	White or yellowish powder	White powder
Purity	98.0%-102.0%	99.1%
Identification	IR Identification	Conforms
	Liquid phase Identification	Conforms
Water Content	≤3.0%	2.4%
Heavy Metal	≤20ppm	Conforms
Residue on ignition	≤0.2%	0.02%
Related substances	Ascomycin≤0.80%	0.53%
	Dihydrotacrolimus≤0.6%	0.14%
	Any other impurities≤1.5%	0.33%
Residual Solvents	Acetone≤2000ppm	Undetected
	Ethanol≤2000ppm	Undetected

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

