

Certificate of analysis **Sirolimus**

CAS No.	53123-88-9	Code	BIOJSRL001
Batch No	CBR10-220305	Manufacture Date	Mar.29, 2022
Retest Date	Mar.28, 2025	Quantity	15G

Testing Items	Specifications	Results	
Appearance	White or off-white crystalline powder	Off-white powder	
Identification	HPLC: The retention time of major peak of test solution should correspond to that of comparison solution	Complies	
	IR: Spectrum of test sample should confirm to that of reference standard spectrum	Complies	
Related substances	Impurity A≤1.0%	0.04%	
	Any unspecified individual impurity(Except for C isomers)≤0.3%	0.14%	
	Total impurities(Except for C isomers)≤2.0%	0.46%	
	C isomer≤4.0%	1.6%	
Residual solvents	Dichloromethane≤600ppm	Not detected	
	Ethyl acetate≤2000ppm	45ppm	
	Ethanol≤1000ppm	32ppm	
	Diethyl ether≤2000ppm	Not detected	
	n-Heptane≤5000ppm	Not detected	
Water(KF)	≤0.5%	0.20%	
Assay	96.0~102.0% (Contains C isomers, on anhydrous basis)	98.5%	
Conclusion	This product conforms to In-house(B5-SP0517) standard		

*Storage condition: Store between 2°C~8°C, Protect from moisture and light.

