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Certificate of analysis

Sirolimus

CAS No.	53123-88-9	Code	BIOJSRL001
Batch No	CBR10-230405	Manufacture Date	Apr.25, 2023
Retest Date	Apr.24, 2026	Quantity	150G

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 \leq 1.0%	0.14%
	Any unspecified individual impurity(Except for C isomers) \leq 0.3%	0.22%
	Total impurities(Except for C isomers) \leq 2.0%	0.80%
	C isomer \leq 4.0%	1.7%
Residual solvents	Dichloromethane \leq 600ppm	Not detected
	Ethyl acetate \leq 2000ppm	27ppm
	Ethanol \leq 1000ppm	Not detected
	Diethyl ether \leq 2000ppm	110ppm
	n-Heptane \leq 5000ppm	180ppm
Water(KF)	\leq 0.5%	0.13%
Assay	96.0~102.0% (Contains C isomers, on anhydrous basis)	98.3%
Conclusion	This product conforms to In-house(B5-SP0517) standard	

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