

Certificate of analysis

Cyclosporine A / Cyclosporine

CAS No.	59865-13-3	Code	BIOJCYCL001
Batch No	HNCN2404401U	Manufacture Date	Apr.04, 2024
Retest Date	Apr.03, 2027	Quantity	2.5Kg

Testing Items	Specifications	Results
Appearance	White to almost white powder	White powder
Identification	Complies	Complies
Loss on drying	$\leq 2.0\%$	0.1%
Related compounds	Any individual impurity $\leq 0.7\%$ Total impurities $\leq 1.5\%$	0.3% 0.6%
Assay	97.0~101.5% (on the dried basis)	98.9%
Residual solvent	Ethanol $\leq 5000\text{ppm}$ Acetone $\leq 5000\text{ppm}$ Ethyl acetate $\leq 5000\text{ppm}$	Not detected Not detected 71ppm
Microbial limits	TAMC $\leq 10^3\text{cfu/g}$ TYMC $\leq 10^2\text{cfu/g}$	$<20\text{cfu/g}$ $<20\text{cfu/g}$
Conclusion	This product conforms to current USP standard	

***Storage condition: Store below 25°C, Protect from moisture and light.**