

## Certificate of Analysis

Product Information			
Product Name	T7 Pro RNA Polymerase (200U/μL)	Storage conditions	-20°C
Cat. No.	10310	Production Date	2025.03.12
Lot. No.	202503001	Valid Until	2026.03.11
Quality Control			
Parameter	Method	Requirement	Result
Appearance	Visual check, in-house method	Colorless&Clear	Conform
Purity	SDS-PAGE, in-house method	≥ 95%	100%
Activity	IVT yield, in-house method	≥200U/μl	208U/μl
Protein concentration	Bradford Assay, in-house method	≥0.5mg/ml	0.78mg/ml
Residual Host Cell protein	ELISA, in-house method	< 50ppm	11.24 ppm
Host Cell gDNA	qPCR, in-house method	< 10 fg/U	2.02 fg/U
Endonuclease	Incubated with supercoiled plasmid DNA, in-house method	Not detected	Conform
Exonuclease	Incubated with λDNA-Hind III Digest, in-house method	Not detected	Conform
Ribonuclease	Incubated with fresh RNA, in-house method	Not detected	Conform
Endotoxin	Tachypleus Amebocyte Lysate gel method, in-house method	< 10EU/mg	Conform

Tested by: Juan Dong

Date: 2025-03-19



Verified by: Leilei Xu

Date: 2025.03.19