

Certificate of Analysis

Product Information			
Product Name	T7 RNA Polymerase (low dsRNA)	Storage conditions	-20°C
Cat. No.	10308	Production Date	2024.11.01
Lot. No.	202411001	Valid Until	2025.10.31
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	210U/μL
Protein concentration	Bradford Assay, in-house method	≥1.0mg/mL	1.60mg/mL
Residual Host Cell protein	ELISA, in-house method	<50ppm	4.56 ppm
Host Cell gDNA	qPCR, in-house method	<10 fg/U	Not detected
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:

欧贵伦

Date:

2024.11.08

Verified by:

欧贵伦

Date:

2024.11.08

