

Version : 01

Update : 10/28/2021

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	T7 RNA Polymerase
Cat. No.	E00066
Lot No.	T2206009
Size	Specified on product label
Formulation	Supplied as a solution of 50 mM Tris-HCl, 100 mM NaCl, 1 mM EDTA, 10 mM DTT, 50% Glycerol, 0.1% Triton X-100, pH 7.9 at 25 °C.
Storage	This product remains stable for up to 12 months at -20 °C. Avoid repeated freeze-thaw cycles.
Expiry Date:	06/08/2023

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### Quality Control

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Test Items	Specifications	Results
Appearance	Clear, colorless liquid	Passed
Purity	≥ 95% as analyzed by SDS-PAGE	Passed
Enzyme Activity	≥ 50 U/μl	Passed
Endotoxin Level	≤ 0.1 EU/μg of protein as analyzed by gel clotting method	Passed
Residual Endonuclease	Non-detectable	Passed
Residual Exonuclease	Non-detectable	Passed
Residual RNase	Non-detectable	Passed

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Date: 06/20/2022

Approved by:

*Carrie Zhang*

Quality Department

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.