

Version : 01

Update : 11/02/2021

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	GenCRISPR™ Cas9 v1.2
Cat. No.	Z03702
Lot No.	C2204007
Size	Specified on product label
Formulation	Supplied as a solution of 25 mM Tris, 300 mM NaCl, 0.1 mM EDTA, 50% glycerol, pH 8.0.
Storage	This product remains stable for up to 12 months at -20 °C. Avoid repeated freeze-thaw cycles.
Expiry Date	15 Apr, 2023

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### Quality Control

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Test Items	Specifications	Results
Appearance	Clear, colorless liquid	Passed
Bioactivity	≥ 90% as analyzed by in vitro assay	Passed
Concentration	4 mg/ml±10% as analyzed by A280	4.27mg/ml
Purity	≥ 90% as analyzed by SDS-PAGE	Passed
Endotoxin Level	≤ 100 EU/mg as analyzed by gel clotting method	Passed
Residual DNase	Non-specific DNase activity	Passed
Residual RNase	Non-specific RNase activity	Passed

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Date: 05/06/2022

Approved by: *Dandan Yao*

Quality Department

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