

Version :04  
Update : 05/08/2023

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	GenCRISPR™ Cas9 v1.2
Cat. No.:	Z03702
Lot No.:	E2211015
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.
Stability & Storage:	This product remains stable for up to 12 months at -20 °C. Avoid repeated freeze-thaw cycles.
Expiry Data:	07-Dec-2023

### Quality Control

Test Items	Specifications	Results
Appearance	Clear, colorless liquid	Pass
Bioactivity	≥ 90% as analyzed by in vitro assay	Pass
Concentration	4 mg/ml±10% as analyzed by A280	4.21mg/ml
Purity	≥ 90% as analyzed by SDS-PAGE	Pass
Endotoxin Level	≤ 100 EU/mg as analyzed by gel clotting method	Pass
Residual DNase	Non-specific DNase activity	Pass
Residual RNase	Non-specific RNase activity	Pass

**Date:** 05/23/2023

**Approved by:** 

**Quality Department**

**For research use only. Not intended for human and animal therapeutic or diagnostic use.**

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