

Version :03  
Update : 07/05/2022

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	GenCRISPR™ Ultra NLS-Cas9-Research
Cat. No.:	Z03621
Lot No.:	C2206011
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 up to 12 months at -20°C. Avoid repeated freeze-thaw cycles.
Expiry Data:	22-Jun-2023

### Quality Control

Test Items	Specifications	Results
Appearance	Clear, colorless liquid	Pass
Bioactivity	≥ 90% as analyzed by in vitro assay.	Pass
Concentration	10 mg/ml ± 1 mg/ml as analyzed by A280	Pass
Purity	≥ 95% as analyzed by SDS-PAGE ≥ 90% as analyzed by SEC-HPLC	Pass
Endotoxin Level	≤ 10 EU/mg as analyzed by gel clotting method	Pass
Residual RNase	Non-specific RNase activity	Pass
Residual DNase	Non-specific DNase activity	Pass

Date: 07/05/2022

Approved by: *Dandan Yao*

Quality Department

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

**For support contact us at:**

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