

Version :03
Update : 07/06/2022

CERTIFICATE OF ANALYSIS

Product Information

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| Product Name: | GenCRISPR™ Ultra eSpCas9-N-NLS Research, tag-free |
| Cat. No.: | Z03692 |
| Lot No.: | E2206010 |
| 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: | 23-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: 07/06/2022

Approved by: *Dandan Yao*

Quality Department

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

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