

Version : 04  
Update : 10/30/2023

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	GenCRISPR™ Ultra eSpCas9-2NLS-Research
Cat. No.:	Z03622
Lot No.:	C2404015
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 at 25°C.
Stability & Storage:	This product remains stable up to 12 months at -20°C. Avoid repeated freeze-thaw cycles.
Expiry Date:	15-Apr-2025

### Quality Control

Test Items	Specifications	Results
Appearance	Clear, colorless liquid	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
Activity	≥ 90% as analyzed by in vitro assay.	Pass
DNase activity	No DNase activity	Pass
RNase activity	No RNase activity	Pass

Date: 04/30/2024

Approved by: *Dandan Yao*

Quality Department

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

生产商：南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路28号

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28 Yongxi Road, Jiangning District, Nanjing, Jiangsu, China