

Version : 02
Update : 05/08/2023

CERTIFICATE OF ANALYSIS

Product Information

Product Name: GenCRISPR™ LbCas12a Nuclease
Cat. No.: Z03753
Lot No.: C2308007
Size: Specified on product label
Storage Buffer: 10 mM Tris-HCl, 300 mM NaCl, 0.5 mM DTT, 50% glycerol, pH 7.4.
Storage: Store at -20 °C for up to 12 months from the date of manufacture. Avoid repeated freeze-thaw cycles. Do not store below -20 °C!
Expiry Data: 15-Aug-2024

Quality Control

Test Items	Specifications	Results
Appearance	Clear, colorless liquid	Pass
Bioactivity (in vitro)	≥ 90%	Pass
Concentration by A280	4 (± 10%) mg/ml	4.12mg/ml
Purity	≥ 90% as analyzed by SDS-PAGE	Pass
Endotoxin Level	< 0.1 EU/ μg of the protein by gel clotting method	Pass
Residual DNase	Non-specific DNase activity	Pass
Residual RNase	Non-specific RNase activity	Pass

Date: 09/12/2023

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