

Version : 04
Update : 01/05/2024

CERTIFICATE OF ANALYSIS

Product Information

Product Name: GenCRISPR™ LbuCas13a Nuclease
Cat. No.: Z03742
Lot No.: C2402005
Size: Specified on product label
Storage Buffer: 10 mM Tris-HCl, 300 mM NaCl, 1.0 mM DTT, 50% glycerol, pH 8.0.
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 Date: 18-Feb-2025

Quality Control

Test Items	Specifications	Results
Appearance	Clear, colorless liquid	Pass
Purity	≥ 90% as analyzed by SDS-PAGE	Pass
Activity	≥ 85% by in vitro digestion of ssRNA	Pass
Endotoxin Level	< 0.2 EU/ μg of the protein by gel clotting method	Pass
Concentration	4 mg/ml±10% as analyzed by A280	4.31mg/ml
DNase activity	Undetectable	Pass
RNase activity	Undetectable	Pass

Date: 03/07/2024

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