

Version :02  
Update : 05/08/2023

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name: GenCRISPR™ LbuCas13a Nuclease  
Cat. No.: Z03742  
Lot No.: C2305009  
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 Data: 15-May-2024

### 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	Determined by A280	3.29 mg/ml
DNase activity	Undetectable	Pass
RNase activity	Undetectable	Pass

Date: 06/21/2023

Approved by: *Dandan Yao*

Quality Department

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

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