

Version :01
Update : 07/29/2022

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	GenCRISPR™ LbuCas13a Nuclease
Cat. No.:	Z03742
Lot No.:	T2206013
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:	14-Jun-2023

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	2.53mg/ml
DNase activity	Undetectable	Pass
RNase activity	Undetectable	Pass

Date: 12/08/2022

Approved by: *Xiangbin Yang (H)*

Quality Department

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