

Version : 01

Update : 07/16/2021

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name	GenCRISPR™ Cas13a (C2c2) Nuclease
Cat. No.	Z03486
Lot No.	E2110026
Size	Specified on product label
Formulation	Supplied as a solution of 10 mM Tris, pH8.0, 300 mM NaCl, 1.0 mM DTT, and 50% glycerol
Storage	This product remains stable up to 12 months at -20°C. Avoid repeated freeze-thaw cycles.
Expiry Date	22 Nov, 2022

### Quality Control

Test Items	Specifications	Results
Appearance	Clear, Colorless, Liquid	Conformed
Purity	≥ 95% as analyzed by SDS-PAGE	Conformed
Endotoxin Level	< 0.2 EU/ µg of the protein by gel clotting method	Conformed
Concentration	Determined by A280	2.45 mg/ml
DNase activity	Non-specific DNase activity	Conformed
RNase activity	Non-specific RNase activity	Conformed

Date: 02/23/2022

Approved by: *Dandan Yao*

Quality Department

*For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.*