

Version : 01

Update : 07/16/2021

## CERTIFICATE OF ANALYSIS

### Product Information

|              |  |
|--------------|--|
| Product Name | GenCRISPR™ Cas13a (C2c2) Nuclease  |
| Cat. No.     | Z03486   |
| Lot No.      | C2201007   |
| 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  | 10 Jul, 2023   |

### 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                                 | 5.0 mg/ml |
| DNase activity  | Non-specific DNase activity                        | Conformed |
| RNase activity  | Non-specific RNase activity                        | Conformed |

Date: 10/10/2022

Approved by: *Dandan Yao*

Quality Department

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