

Version : 02

Update : 02/22/2022

CERTIFICATE OF ANALYSIS

Product Information

Product Name	GenCRISPR™ SaCas9 2NLS Nuclease
Cat. No.	Z03699
Lot No.	T2107070
Size	Specified on product label
Formulation	Supplied as a solution of 20 mM Tris, 300 mM NaCl, 0.1 mM TCEP, 50% glycerol, pH 7.5
Storage	This product remains stable up to 12 months at -20°C. Avoid repeated freeze-thaw cycles.
Expiry Date	30 Jun, 2022

Quality Control

Test Items	Specifications	Results
Appearance	Clear, colorless liquid	Passed
Bioactivity	≥ 90% as analyzed by in vitro assay	Passed
Concentration	4 mg/ml±10% as analyzed by A280	Passed
Purity	≥ 90% as analyzed by SDS-PAGE	Passed
Endotoxin Level	≤ 100 EU/mg as analyzed by gel clotting method	Passed
Residual DNase	Non-specific DNase activity	Passed
Residual RNase	Non-specific RNase activity	Passed

Date: 05/20/2022

Approved by: *Dandan Yao*

Quality Department

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