

Version : 02

Update : 12/20/2021

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name	GenCrispr NLS-Cas9-NLS Nuclease
Cat. No.	Z03469
Lot No.	C2103010
Size	Specified on product label
Formulation	10 mM Tris, 300 mM NaCl, 0.1 mM EDTA, 1 mM DTT, 50% Glycerol
Storage	GenCrispr NLS-Cas9-NLS Nuclease is supplied with 1X storage buffer (10 mM Tris, 300 mM NaCl, 0.1 mM EDTA, 1 mM DTT, 50% Glycerol pH7.4, at 25°C) and recommended to be stored at -20°C. Guaranteed stable for 18 months when properly stored.

### Quality Control

Test Items	Specifications	Results
Purity	> 95% as analyzed by SDS-PAGE	Passed
Bioactivity	> 90% cleavage efficiencies	Passed
Endotoxin Level	< 0.1 EU/μg of protein by gel clotting method	Passed
RNase activity	No RNase activity	Passed
DNase activity	No DNase activity	Passed

### Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188

Date: 12/23/2021

Approved by: *Dandan Yao*

Quality Department

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