

Version : 02

Update : 12/21/2021

CERTIFICATE OF ANALYSIS

Product Information

Product Name	GenCrispr NLS-Cas9-D10A Nickase
Cat. No.	Z03390
Lot No.	C21121910
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-D10A Nickase 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). The recommended storage temperature is -20°C.

Quality Control

Test Items	Specifications	Results
Purity	> 95% as analyzed by SDS-PAGE	Passed
Bioactivity	> 90% cleavage efficiencies	Passed
Endotoxin Level	< 0.1 EU/ μ g 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.