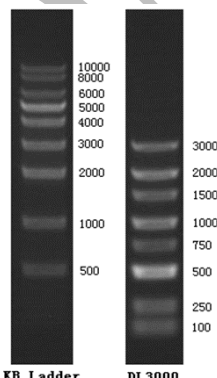
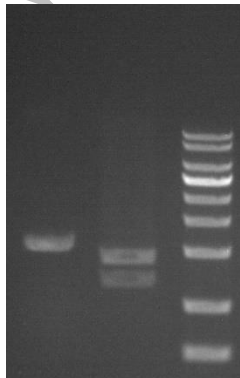


| Certificate of Analysis | | | | |
|--|---|-------------|--|--------------------|
| Vector Name | PNZ8148 | Catalog No. | V012804 | |
| Project/Lot No. | C392P085G0-3/PD79922 | Strain | MC1061 | |
| Quantity | 100ug | Resistance | Chloramphenicol | |
| QC Results | | | | |
| QC Items | Specifications | Results | | |
| Appearance | Colorless, clear, free of precipitate or foreign particles | Pass | | |
| Sequence Accuracy | Sequencing verification matches the order requirements | Pass | | |
| Restriction Analysis | DNA bands with expected sizes detected by agarose gel electrophoresis | Pass | | |
| A260/280 | 1.8-2.0 | Pass | | |
| Residual RNA | Not visible on agarose gel | Pass | | |
| <i>E.coli</i> Genomic DNA | The intensity of genomic DNA <15% of that of all bands | Pass | | |
| Homogeneity | Predominantly supercoiled | Pass | | |
| Endotoxin | No QC testing requested | N/A | | |
| Bio-Burden Test | No QC testing requested | N/A | | |
| Additional Tests | N/A | N/A | | |
| Restriction Digestion Map | | | | |
| Marker | 1 | 2 | M | Description of Map |
|  KB Ladder DL3000 |  | | <p>Lane 1: Plasmid</p> <p>Lane 2: Plasmid Digested with HindIII and NdeI (1822 bp + 1345 bp in theory)</p> <p>Lane M: DNA Marker</p> | |

Certified by: Chou Fang

Date: Sep/18/2024

Valid until: Sep/18/2026

