

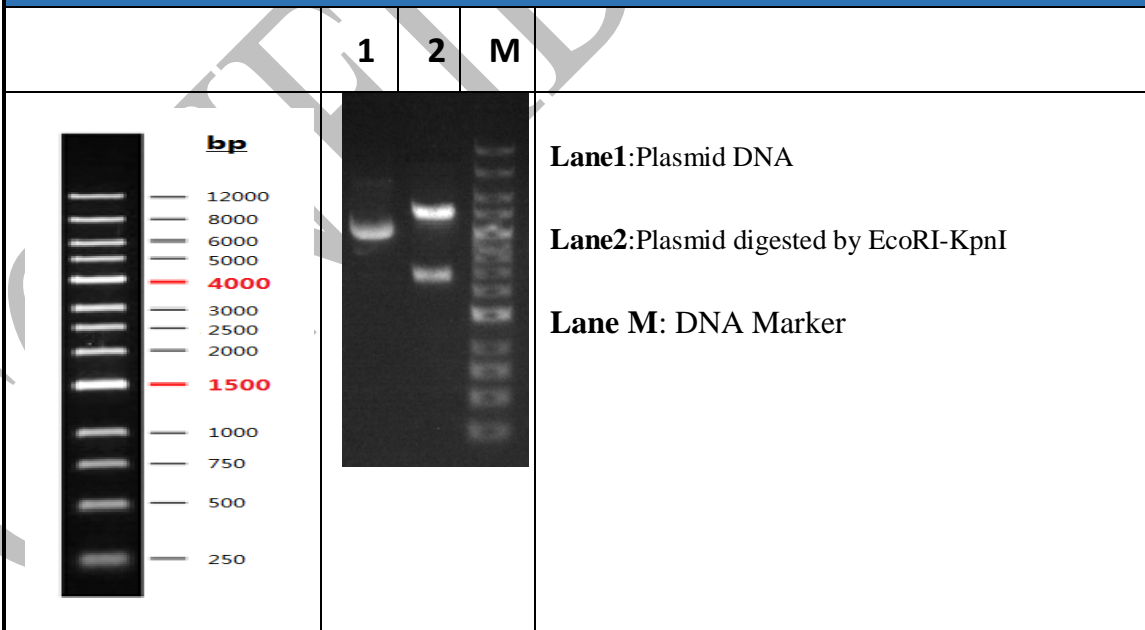
## CERTIFICATE OF ANALYSIS

|                        |            |                   |            |
|------------------------|------------|-------------------|------------|
| <b>Vector Name</b>     | pCAG-T7pol | <b>Catalog</b>    | V001259    |
| <b>Project/Lot No.</b> | E53128     | <b>Size</b>       | 7,452 bp   |
| <b>Quantity</b>        | 100ug      | <b>Resistance</b> | Ampicillin |

### QC Results

| Test Items                  | Specifications                         | Results |
|-----------------------------|--|---------|
| <b>Appearance</b>           | Clear, no visible particles            | Pass    |
| <b>Concentration</b>        | On request, default 1ug/uL             | Pass    |
| <b>A260/280</b>             | 1.8 - 2.0                              | Pass    |
| <b>A260/230</b>             | >2.0                                   | Pass    |
| <b>Supercoiled content</b>  | No request                             | N/A     |
| <b>Residual RNA</b>         | Not visible upon electrophoresis       | Pass    |
| <b>Genomic DNA</b>          | Not visible upon electrophoresis       | Pass    |
| <b>Restriction Analysis</b> | Conforms to reference                  | Pass    |
| <b>Bioburden assay</b>      | No growth on agar plate after 24 hours | N/A     |
| <b>Endotoxin Test</b>       | Verified, (Endo-Free Preps Only)       | N/A     |
| <b>Label</b>                | Correct and white                      | Pass    |
| <b>Sequencing</b>           | Correct                                | Pass    |
| <b>Comments</b>             | -                                      | -       |

### Restriction Digestion Map



Certified by: Chou Fang



Date: Jan/11/2023

Valid until: Jan/10/2025