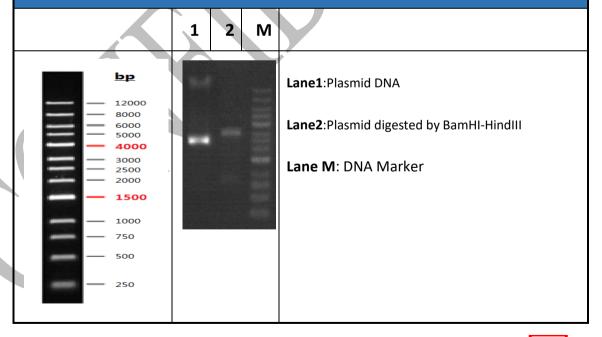


| CERTIFICATE OF ANALYSIS |                   |             |         |
|-------------------------|-------------------|-------------|---------|
| Vector Name             | pACYC177          | Catalog No. | V012556 |
| Project/Lot No.         | G0272503-2/D45193 | Strain      | Stbl3   |
| Quantity                | 100ug             | Resistance  | Amp     |
|                         |                   |             |         |

## **QC** Results

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

## **Restriction Digestion Map**



**Certified by: Chou Fang** 

**Date:** May-12-2023

Valid until: May-11-2026