

## CERTIFICATE OF ANALYSIS

**FD0324      FastDigest Eco47III**  
**Packaging Lot: 2789220**  
 Expiry Date: 31.05.2027 (DD.MM.YYYY)  
 Storage: at -20±5°C

### Filling lots for components in package:

| Lot     | Quantity | Description                 |
|---------|----------|-----------------------------|
| 2725016 | 20 µL    | FastDigest Eco47III         |
| 2767201 | 1 mL     | 10x FastDigest Buffer       |
| 2755460 | 1 mL     | 10X FastDigest Green Buffer |

### QUALITY CONTROL

| Parameter                                     | Method  | Requirement    | Result   |
|---|---|----------------|----------|
| Functional activity test                      | 1 µg of pBR322 DNA was completely digested with 1 µL of the enzyme in 5 minutes at 37 °C in 20 µL of reaction mixture.                            | Conforms       | Conforms |
| Endo-, exodeoxyribonucleases and phosphatases | Incubation of single stranded and double stranded labeled oligonucleotides with appropriate amount of enzyme for 1 hour at 37 °C in assay buffer. | Not detectable | Conforms |
| Unspecific digestion                          | Incubation of 1 µg of lambda DNA with 1 µL of the enzyme at 37 °C for 16 hours.   | Not detectable | Conforms |

#### ISO CERTIFICATION

Manufactured by Thermo Fisher Scientific Baltics UAB, in compliance with ISO 9001 and ISO 13485 certified quality management system.

Quality authorized by QC: **J. Žilinskienė**

