

## CERTIFICATE OF ANALYSIS

**FD0324**      **FastDigest Eco47III**  
**Packaging Lot:** 2944746  
**Expiry Date:** 31.10.2027 (DD.MM.YYYY)  
**Storage:** at -20±5°C

### Filling lots for components in package:

Lot	Quantity	Description
2880628	20 µL	FastDigest Eco47III
2925725	1 mL	10X FastDigest Buffer
2924826	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**

