

## CERTIFICATE OF ANALYSIS

**FD0324      FastDigest Eco47III**

**Packaging Lot: 2852030**

**Expiry Date: 31.08.2027 (DD.MM.YYYY)**

**Storage: at -20±5°C**

### Filling lots for components in package:

Lot	Quantity	Description
2790492	20 µL	FastDigest Eco47III
2835445	1 mL	10x FastDigest Buffer
2815681	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**

