

CERTIFICATE OF ANALYSIS

FD0324 FastDigest Eco47III
Packaging Lot: 2922297
Expiry Date: 31.10.2027 (DD.MM.YYYY)
Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
2846988	20 µL	FastDigest Eco47III
2901676	1 mL	10X FastDigest Buffer
2898521	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**

