

CERTIFICATE OF ANALYSIS

FD0334 FastDigest Eco52I
Packaging Lot: 2800052
Expiry Date: 30.06.2024 (DD.MM.YYYY)
Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
2800052	50 µL	FastDigest Eco52I
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 lambda DNA/Eco81I 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**

