

CERTIFICATE OF ANALYSIS

FD0514 FastDigest HpaII

Packaging Lot: 91286927

Expiry Date: 28.02.2026 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

| Lot | Quantity | Description |
|----------|----------|-----------------------------|
| 91285394 | 200 µL | FastDigest HpaII |
| 91254352 | 1 mL | 10x FastDigest Buffer |
| 91224573 | 1 mL | 10X FastDigest Green Buffer |

QUALITY CONTROL

| Parameter | Method | Requirement | Result |
|---|--|----------------|----------|
| Functional activity test | 1 µg of lambda 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 radiolabeled oligonucleotides with 1 µL of the enzyme for 1 hour at 37 °C. | 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 in compliance with ISO 9001 and ISO 13485 certified quality management system.

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



Manufactured for Thermo Fisher Scientific