

CERTIFICATE OF ANALYSIS

FD0704 FastDigest Bst1107I

Packaging Lot: 2819489

Expiry Date: 31.08.2027 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

| Lot | Quantity | Description |
|---------|----------|-----------------------------|
| 2817857 | 100 µL | FastDigest Bst1107I |
| 2801038 | 1 mL | 10x FastDigest Buffer |
| 2788231 | 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 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 6 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**

