

CERTIFICATE OF ANALYSIS

FD1244 FastDigest Smil

Packaging Lot: 2861231

Expiry Date: 30.09.2027 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
2819456	200 µL	FastDigest Smil
2835445	1 mL	10x FastDigest Buffer
2828167	1 mL	10X FastDigest Green Buffer

QUALITY CONTROL

Parameter	Method	Requirement	Result
Functional activity test	1 µg of M13mp18 DNA/Mval 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 M13mp18, lambda DNA with 1 µL of the enzyme at 37 °C for 1 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**

