

## CERTIFICATE OF ANALYSIS

**IVGN0116 Anza 11 EcoRI**

**Packaging Lot: 2876255**

**Expiry Date: 31.10.2025 (DD.MM.YYYY)**

**Storage: at -20±5°C**

### Filling lots for components in package:

Lot	Quantity	Description
2791865	400 µL	Anza 11 EcoRI
91279785	1 mL	Anza 10X Buffer
91279779	1 mL	Anza 10X Red Buffer

### QUALITY CONTROL

Parameter	Method	Requirement	Result
Unit Activity Measurement	One unit is defined as the amount of enzyme required to digest 1 µg of substrate DNA in 1 hour at 37 °C in 50 µL of Anza buffer.	20 U/µL	Conforms
Complete Digestion Functional Activity	1 µg of substrate DNA was completely digested with 1 µl of the enzyme in 15 minutes at 37 °C in 20 µl of reaction mixture.	Conforms	Conforms
Endo-,exodeoxyribo-nuclease and phosphatase activity detection	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
Nonspecific Digestion	Incubation of 1 µg of substrate 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**

