

## CERTIFICATE OF ANALYSIS

**IVGN0044 Anza 4 Bpil**

**Packaging Lot: 2815777**

**Expiry Date:** 30.06.2027 (DD.MM.YYYY)

**Storage:** at -20±5°C

### Filling lots for components in package:

Lot	Quantity	Description
2754399	25 µL	Anza 4 Bpil
2774431	0.5 mL	Anza 10X Buffer
2772236	0.5 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.	10 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**

