

CERTIFICATE OF ANALYSIS

IVGN0228 Anza 22 Smal

Packaging Lot: 01237796

Expiry Date: 30.11.2025 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
01237423	4 x 400 µL	Anza 22 Smal
01204445	4 x 1 mL	Anza 10X Buffer
01195228	4 x 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.	5 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 radiolabeled oligonucleotides with 1 µl of the enzyme for 1 hour at 37 °C.	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**

