

CERTIFICATE OF ANALYSIS

IVGN0244 Anza 24 MssI

Packaging Lot: 3072041

Expiry Date: 31.08.2028 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
3032825	40 µL	Anza 24 MssI
3045776	0.5 mL	Anza 10X Buffer
3057874	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. Žiliinskienė** 