

## CERTIFICATE OF ANALYSIS

**SM1471 NoLimits™ 750bp DNA Fragment**

**Packaging Lot: 2913587**

**Expiry Date: 29.02.2028 (DD.MM.YYYY)**

**Storage: at -20±5°C**

### Filling lots for components in package:

| Lot     | Quantity | Description                  |
|---------|----------|------------------------------|
| 2913471 | 10 µg    | NoLimits™ 750bp DNA Fragment |

### QUALITY CONTROL

| Parameter          | Method   | Requirement   | Result   |
|--------------------|--|---|----------|
| Appearance         | Visual inspection.   | Clear colorless solution  | Conforms |
| Concentration      | Spectrophotometrical measurement of absorption at 260 nm.  | 0.500 µg/µL ± 4%  | Conforms |
| Identity           | 0.500 µg of the DNA fragment is analyzed by agarose gel electrophoresis in parallel with the same DNA fragment from a previous bulk lot. | 1 specific DNA fragment is visible and corresponds to that from the previous bulk lot | Conforms |
| Deoxyribonucleases | Incubation of NoLimits 750 bp DNA Fragment at elevated temperature (37 °C) and analysis on agarose gel.                                  | No changes in bands intensity, no smearing is observed after incubation               | 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**

