

CERTIFICATE OF ANALYSIS

SM1611 NoLimits™ 200bp DNA Fragment

Packaging Lot: 3046416

Expiry Date: 31.03.2028 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
3010257	10 µg	NoLimits™ 200bp 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
A_{260}/A_{280}	Spectrophotometrical measurement.	1.80 – 2.00	Conforms
A_{260}/A_{230}	Spectrophotometrical measurement.	> 2.00	Conforms
Identity	0.5 µg of the DNA fragment is analyzed by agarose gel electrophoresis in parallel with the same DNA fragment from a previous bulk lot.	Conforms	Conforms
Purity	0.005 µg of the fragment is analyzed by capillary electrophoresis on Agilent 2100 Bioanalyzer.	Conforms	Conforms
Deoxyribonucleases	Incubation of NoLimits 200 bp DNA Fragment at elevated temperature (37 °C) and analysis on agarose gel.	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**

