

CERTIFICATE OF ANALYSIS

SM0193 **Lambda DNA/EcoRI+HindIII, rtu**

Packaging Lot: 2891980

Expiry Date: 30.09.2027 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
2800853	5 × 50 µg	Lambda DNA/EcoRI+HindIII, rtu
2870643	2 × 1 mL	6X DNA Loading Dye

QUALITY CONTROL

Parameter	Method	Requirement	Result
Appearance	Visual inspection.	Blue solution	Conforms
Identity	1 µg of the marker are analyzed by agarose gel electrophoresis in parallel with the same marker from a previous bulk lot. Band pattern is analyzed and compared to the pattern of the marker from the previous lot.	13 fragments are visible and correspond to those from the previous bulk lot	Conforms
Deoxyribonucleases	Incubation of Lambda DNA/HindIII Marker 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**

