

## CERTIFICATE OF ANALYSIS

**SM1334 GeneRuler 1kb Plus DNA Lad rtu**

**Packaging Lot: 3132923**

**Expiry Date: 31.10.2028 (DD.MM.YYYY)**

**Storage: at -20±5°C**

### Filling lots for components in package:

Lot	Quantity	Description
3085902	50 µg	GeneRuler 1kb Plus DNA Lad rtu
3110370	1 mL	6X TriTrack DNA Loading Dye

### QUALITY CONTROL

Parameter	Method	Requirement	Result
Appearance	Visual inspection.	Dark solution	Conforms
Identity	1 µg of the ladder is analyzed by agarose gel electrophoresis in parallel with the same composition ladder from a previous bulk lot.	15 fragments are visible and correspond to those from the previous bulk lot	Conforms
Deoxyribonucleases	Incubation of DNA Ladder 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**

