

CERTIFICATE OF ANALYSIS

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

Packaging Lot: 3093565

Expiry Date: 30.09.2028 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
3058521	50 µg	GeneRuler 1kb Plus DNA Lad rtu
3080473	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**

