

CERTIFICATE OF ANALYSIS

10787026 1 Kb Plus DNA Ladder (1000 µg)

Packaging Lot: 00969979

Expiry Date: 31.07.2024 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
00969010	4 x 250 µg	1 Kb Plus DNA Ladder
00940727	4 x 1 mL	10X BlueJuice™ Gel Loading Buffer

QUALITY CONTROL

Parameter	Method	Requirement	Result
Appearance	Visual inspection.	Clear colorless solution	Conforms
Concentration	Spectrophotometrical measurement of absorption at 260 nm.	0.5 µg/µL ± 4 %	Conforms
Identity	The ladder is analyzed by agarose gel electrophoresis in parallel with the same composition ladder from a previous bulk lot.	18 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**

