

## CERTIFICATE OF ANALYSIS

**B29**                      **10X Buffer KpnI**  
**Packaging Lot:** 2844895  
**Expiry Date:** 31.12.2026 (DD.MM.YYYY)  
**Storage:** at -20±5°C

### Filling lots for components in package:

Lot	Quantity	Description
2614388	1 mL	10X Buffer KpnI

## QUALITY CONTROL

Parameter	Method	Requirement	Result
Endonucleases (nicking activity)	Incubation of supercoiled plasmid DNA with buffer	Not detectable	Conforms
Endo-, exodeoxyribonucleases and phosphatases	Incubation of single stranded and double stranded labeled oligonucleotides with buffer.	Not detectable	Conforms
Functional testing	Functionally tested in DNA digestion with KpnI restriction endonuclease. Digestion conditions are as described in activity assay of enzyme. Reaction products analyzed by agarose electrophoresis and ethidium bromide staining. No change in digestion pattern is observed compared to previous lot.	Conforms	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**

