

CERTIFICATE OF ANALYSIS

BB5 Buffer B

Packaging Lot: 2891214

Expiry Date: 30.11.2027 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
2848749	5 x 1 mL	10x Buffer B

QUALITY CONTROL

Parameter	Method	Requirement	Result
pH	Ph. Eur.2.2.3, 1X at 37°C	7.50 ± 0.04	Conforms
Endodeoxyribonucleases (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 15 randomly picked conventional restriction endonucleases. Digestion conditions are as described in activity assays of each 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**

