

CERTIFICATE OF ANALYSIS

K210003 PureLink HiPure Plasmid Miniprep Kit

Packaging Lot: 2827861

Expiry Date: 31.10.2025 (DD.MM.YYYY)

Storage: at room temperature

Filling lots for components in package:

Lot	Quantity	Description
2822607	0.65 mL	RNase, 20 mg/ml
2822475	30 mL	TE Buffer (TE)
2822695	72 mL	Resuspension Buffer (R3)
2823499	72 mL	Lysis Buffer (L7)
2824643	72 mL	Precipitation Buffer (N3)
2824322	132 mL	Elution Buffer (E4)
2823590	220 mL	Equilibration Buffer (EQ1)
2822522	510 mL	Wash Buffer (W8)
2824230	20 x 1 pack	HiPure Mini Column

QUALITY CONTROL

Parameter	Method	Requirement	Result
Yield of purified control plasmid DNA	PureLink HiPure Plasmid Miniprep Kit is qualified by isolating a high copy number control plasmid DNA from 3 ml of overnight E. coli culture following the protocol outlined in the manual.	$\geq 30 \mu\text{g}$	Conforms
Purity	A260/A280 ratio	≥ 1.8	Conforms
Flow rate	Average accumulated column processing time.	15 - 25 min	Conforms
Gel electrophoresis	1 μg of purified plasmid DNA is run on an agarose gel.	A dominant band of supercoiled plasmid DNA is observed, no RNA visible.	Conforms
Digestion	The plasmid DNA is evaluated by digestion (1 μg 15 min) of purified plasmid DNA with Anza™11 EcoRI restriction endonuclease.	DNA - completely digested, no additional fragments.	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

