

CERTIFICATE OF ANALYSIS

A38540250 Invitrogen Collibri Library Amplification Mix w/primers

Packaging Lot: 01284804

Expiry Date: 31.03.2024 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
01259905	5 x 1.25 mL	2x Platinum™ SuperFi™ Library Amplification Master Mix
01273332	5 x 500 µL	Primer Mix

QUALITY CONTROL

Parameter	Method	Requirement	Result
Endodeoxyribonuclease Assay	Master mix components tested for conversion of supercoiled plasmid DNA to nicked or linear form after incubation at 37°C.	Not detectable	Conforms
Functional assay	Master mix functionally tested in simultaneous amplification of multiple DNA fragments from plasmid DNA.	PCR products of correct length and yield	Conforms
Residual bacterial DNA	qPCR based test for Platinum SuperFi DNA polymerase using primers targeting 16S ribosomal RNA gene.	≤ 8 copy E.coli genome equivalent/rxn	Conforms
Residual human DNA	qPCR based test for Platinum SuperFi DNA polymerase using primers targeting Alu sequence repeats.	≤ 1.6 copy/rxn	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**

