

CERTIFICATE OF ANALYSIS
4472942 SYBR™ Select Master Mix for CFX

Packaging Lot: 2770333

Manufacturing Date: 26.04.2023 (DD.MM.YYYY)

Expiration Date 30.04.2024 (DD.MM.YYYY)

QUALITY CONTROL

TEST	SPECIFICATION	RESULT
FUNCTIONAL TEST (IMAGE ATTACHED)		
Functional test performed on Applied Biosystems 7500 Fast Real-Time PCR System in Standard Mode.		
Average NTC (No Template Control)	≥ 37 CT	Pass
Average Ct for the third concentration point	18 - 22 CT	Pass
The R ² (correlation coefficient) for the standard curve	≥ 98 %	Pass
PCR % efficiency	85 - 115 %	Pass
The average delta Rn for the second concentration point	5 - 13 CT	Pass

ANALYTICAL TESTS

dATP concentration by HPLC	Pass
dCTP concentration by HPLC	Pass
dGTP concentration by HPLC	Pass
dTTP concentration by HPLC	Pass
dUTP concentration by HPLC	Pass
Magnesium ion (Mg ²⁺) concentration	Pass
pH	Pass

NUCLEASE TESTS

RNase equivalents level (pg/5µl)	≤ 1.15	Pass
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DNase equivalents level (pg/5µl) ≤ 155 Pass

Bioburden Test

E. coli DNA (copies/25 µl) ≤ 4 copy Pass

For Research Use Only. Not for use in diagnostic procedures.

ISO CERTIFICATION

Manufactured by Thermo Fisher Scientific Baltics UAB, in compliance with ISO 9001 and ISO 13485 certified quality management systems.

Quality authorized by QC:

J. Žilinskienė



Image for product number 4472942 lot number 2770333

