

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 (Mg2+) concentration		Pass		
рН		Pass		
NUCLEASE TESTS				
RNase equivalents level (pg/5µl)	≤ 1.15	Pass		



DNase equivalents level (pg/5µl)	≤ 155	Pass		
Bioburden Test				
<i>E. coli</i> DNA (copies/25 μI)	≤ 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



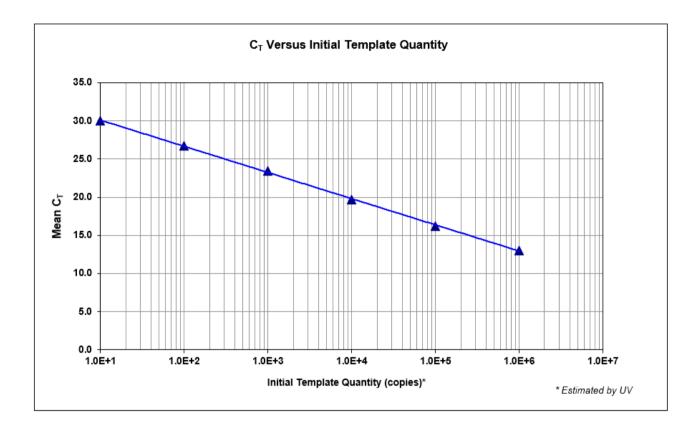


Image for product number 4472942 lot number 2770333