

CERTIFICATE OF ANALYSIS

4472942 SYBR™ Select Master Mix for CFX

Packaging Lot: 2804979

Manufacturing Date: 23.08.2023 (DD.MM.YYYY)
Expiration Date 31.08.2024 (DD.MM.YYYY)

QUALITY CONTROL

TEST FUNCTIONAL TEST (IMAGE ATTACHED)	SPECIFICATION	RESULT	
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	

Rev. 1



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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.

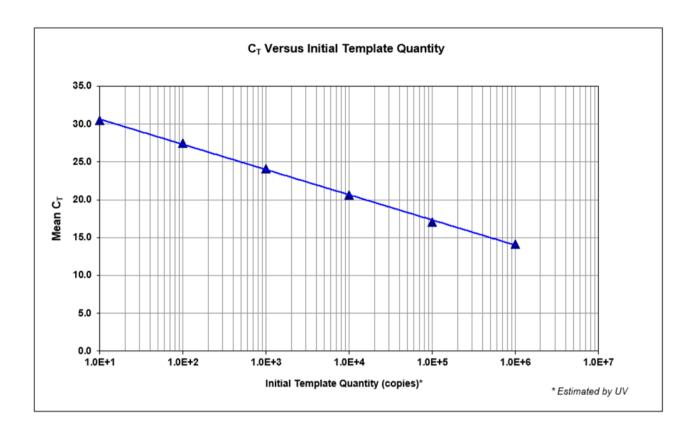
Quality authorized by QC: J. Žilinskienė

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