

CERTIFICATE OF ANALYSIS

A55146 Absolute Q™ 1-Step RT-dPCR Master Mix (4X)
Packaging Lot: 2800895
 Expiry Date: 24.05.2024 (DD.MM.YYYY)
 Storage: at -20±5°C
 Note: **For Research Use Only. Not for use in diagnostic procedures.**

Filling lots for components in package:

Lot	Quantity	Description
2800895	450 µL	Absolute Q™ 1-Step RT-dPCR Mix (4X)

QUALITY CONTROL

Parameter	Method	Requirement	Result
Functional test	Determined by digital PCR analysis. Multiplex detection of 4 reference targets using FAM, VIC, ABY, and JUN labeled probes.	Within range of target copy number for all four targets	Pass
Analytical test dNTP concentrations	Determined by analytical method.	Within range of target concentration	Pass
Analytical test pH	Determined by analytical method at 25° C.	Within range of target pH	Pass
Analytical test Mg ²⁺ concentration	Determined by analytical method.	Within range of target concentration	Pass
Analytical test K ⁺ concentration	Determined by analytical method.	Within range of target concentration	Pass
Analytical test DNase Activity	Determined by analytical method.	No detectable activity level	Pass
Analytical test RNase Activity	Determined by analytical method.	No detectable activity level	Pass
Analytical test <i>E. Coli</i> DNA level	Determined by analytical method.	No detectable <i>E. coli</i> DNA	Pass

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**

