

Certificate of Analysis

Platinum™ Quantitative PCR SuperMix-UDG w/ROX

Product No. 11743100, 11528656

Lot No. 3056381

Date of Manufacture 03-Dec-2024

Quantitative PCR Assay

Platinum® Quantitative PCR SuperMix - UDG with ROX is functionally tested using plasmid DNA quantified by digital PCR to ensure robust amplification of DNA targets.

Specification: The slope must be -3.4 ± 0.2 .

Result: Meets specification.

Specification: The amplification efficiency must be $\geq 88\%$.

Result: Meets specification.

Specification: The correlation coefficient (R^2) must be ≥ 0.99 .

Result: Meets specification.

Specification: Average Ct value of 1,000 copy level must be between 27.5 and 30.0.

Result: Meets specification.

Thermo Fisher Scientific
Life Sciences Solutions
5781 Van Allen Way
Carlsbad, CA, USA 92008
<https://www.thermofisher.com>
For inquiries, contact us at cofarequests@thermofisher.com



Chevohn Joseph
Director, Quality
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