

# Certificate of Analysis

## SYBR GreenER™ qPCR SuperMix for ABI PRISM™ Instrument

Product No. 11760100, 10512773

Lot No. 2809782

Date of Manufacture 02-Jan-2024

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### Product Qualification

This product is functionally tested using plasmid DNA quantified by digital PCR to ensure robust amplification of DNA targets.

Specification: The slope must be  $-3.4 \pm 0.2$ .

Result: Meets specification.

Specification: The amplification efficiency must be  $\geq 90\%$ .

Result: Meets specification.

Specification: The correlation coefficient (  $R^2$  ) must be  $\geq 0.99$ .

Result: Meets specification.

Specification: Average Ct value of 1,000 copy level must be between  $26.5 \pm 1.5$ .

Result: Meets specification.

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

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