

# Certificate of Analysis

## SolisFAST® SolisGreen® qPCR Mix (no ROX), 5x

**Cat. No.**

**Lot. No.**

**Dispense No.**

**Expiry date**

**Concentration:** 5x concentrate

**Mix Composition:**

- SolisFAST® DNA polymerase
- qPCR reaction buffer
- dNTPs
- 7.5 mM MgCl<sub>2</sub> (1x solution – 1.5 mM MgCl<sub>2</sub>)
- SolisGreen® dsDNA intercalating dye

**Shipping:** at room temperature

**Storage conditions:** at -20°C until Expiry Date, at +4°C up to 6 months, at room temperature (15–25°C) up to 1 month.

**Safety precautions:**

Please refer to Safety Data Sheet for more information

Manufactured by Solis BioDyne in compliance with the ISO 9001 and ISO 13485 certified Quality Management System.

*SolisFAST and SolisGreen are EU registered trademarks of Solis BioDyne OÜ. SolisGreen is based on CYGREEN dye. CYGREEN is used under license from Enzo Life Sciences, Inc. CYGREEN is a U.S. registered trademark of Enzo Life Sciences, Inc. U.S. Patent Nos. 8,153,802 and 7,569,695.*

**Quality Control Assays:**

SolisFAST® SolisGreen® qPCR Mix (no ROX):

Assay	Result
Amplification efficiency	≥10 <sup>4</sup> fold
qPCR reproducibility	passed
DNA contamination (human gDNA)	passed

SolisFAST® DNA Polymerase:

Assay	Result
Functional testing via PCR	passed
Endodeoxyribonuclease activity	passed
Exodeoxyribonuclease activity	passed
Self-priming activity	passed
DNA contamination (human gDNA)	passed

COA-28-41 v1

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**FOR RESEARCH USE ONLY. NOT FOR USE IN  
DIAGNOSTIC PROCEDURES.**

**APPROVED BY:**