

# Certificate of Analysis

## SolisFAST® Master Mix Ready to Load, 5x

**Cat. No.**

**Lot No.**

**Dispense No.**

**Expiry date**

**Concentration:** 5x concentrate

**Mix Composition:**

- SolisFAST® DNA polymerase
- PCR reaction buffer
- dNTPs
- 17.5 mM MgCl<sub>2</sub> (1x solution – 3.5 mM)
- Blue dye: Migration equivalent to 3.5–4.5 kb DNA fragment
- Yellow dye: Migration equivalent to 35–45 bp DNA fragment
- Compound that increases sample density for direct loading

**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.

**Freeze-thaw stability:** 30 cycles

**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 is an EU registered trademark of Solis BioDyne OÜ.*

**Quality Control Assays:**

SolisFAST® Master Mix Ready to Load:

Assay	Result
PCR amplification	passed
PCR reproducibility	passed
DNA contamination (human gDNA)	passed

SolisFAST® DNA Polymerase:

Assay	Result
Endodeoxyribonuclease activity	passed
Exodeoxyribonuclease activity	passed
Self-priming activity	passed

COA-24-02 v1

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

**APPROVED BY:**