

Certificate of Analysis

SolisFAST® Master Mix with UNG Ready to Load, 5x

Cat. No.

Lot No.

Dispense No.

Expiry date

Concentration: 5x concentrate

Mix Composition:

- SolisFAST® DNA polymerase
- PCR reaction buffer
- dNTPs (including dUTP)
- 17.5 mM MgCl₂ (1x solution – 3.5 mM)
- UNG – Uracil N-glycosylase
- 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 with UNG Ready to Load:

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

SolisFAST® DNA Polymerase:

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

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APPROVED BY: