# Certificate of Analysis

## SolisFAST® Lyo-Ready qPCR Kit with UNG

**Cat. No.**

**Lot No.**

**Pack Lot No.**

**Expiry date**

**Kit components:**

1. 5x SolisFAST® Lyo-compatible qPCR Mix with UNG, including:
   - SolisFAST® DNA polymerase
   - qPCR reaction buffer
   - dNTPs (including dUTP)
   - 16.5 mM $MgCl_2$ (1x solution – 3.3 mM)
   - Salini UNG® Uracil-N-Glycosylase
2. 4x SolisFAST® Lyo Excipient Mix
   - Cryo- and lyo-protective agents

**Shipping:** on blue ice

**Storage and stability*:**

- Routine storage at –20 °C (–28 °C to –18 °C) until Expiry Date.
- Stable at room temperature (25 °C) for up to 2 weeks.
- Stable at +4 °C (2 °C to 8 °C) for up to 5 months.

**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.

**Quality Control Assays:**

| Assay | Result |
|---|---|
| Amplification efficiency | passed |
| qPCR reproducibility | passed |
| DNA contamination (human gDNA) | passed |
| UNG activity | passed |

Note – Standard Quality Control Tests are performed for each individual component included in the product and meet the designated specifications

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Effective from 10.01.2024

**Product stability is assessed using routine QC assays and QC criteria set forth in the product specification and are intended to provide guidelines for shipping and storage conditions only. The customer or its designee shall be responsible for conducting all necessary stability testing applicable to their assay and/or QC criteria, and to comply with any applicable regulatory requirements or guidelines. Such stability testing shall include testing to validate the lead times for shipment, the shelf life of, and the product specifications applicable to shipment, storage and handling of the assay assembled and packed by the customer.*

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

**APPROVED BY:**

*Head of Quality and Product Management*

Solis BioDyne
Teaduspargi 9, 50411 Tartu, Estonia, tel: +372 740 9960, fax: +372 740 2079, e-mail: info@solisbiodyne.com, www.solisbiodyne.com