Certificate of Analysis

HOT FIREPol® EvaGreen® qPCR Mix Plus (ROX), 5x

Cat. No.

Lot No.

Pack Lot No.

Expiry date

Concentration: 5x concentrate

Mix Composition:
- HOT FIREPol® DNA Polymerase
- 5x EvaGreen® qPCR buffer
- 12.5 mM $MgCl_2$ (1x PCR solution – 2.5 mM)
- dNTPs
- EvaGreen® dye
- Internal reference based on ROX dye

Shipping: at room temperature

Storage and stability*: Routine storage at -20°C until Expiry Date. Stable at +4°C for 6 months, at room temperature (15–25°C) for 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.

Quality Control Assays:
HOT FIREPol® EvaGreen® qPCR Mix Plus (ROX):

Assay	Result
Amplification efficiency	passed
qPCR reproducibility	passed
DNA contamination (human gDNA)	passed

HOT FIREPol® DNA Polymerase:

Assay	Result
Protein purity assay (SDS-PAGE):	passed
Endodeoxyribonuclease activity	passed
Exodeoxyribonuclease activity	passed
Self-priming activity	passed

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

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. 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.

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

APPROVED BY:

Product Quality Manager