

Certificate of Analysis

HOT TERMIPol® DNA Polymerase Kit

Cat. No.

Lot No.

Pack Lot No.

Expiry date

Concentration: 5 U/μl

Reagents provided:

- **TERMIPol® DNA Polymerase** (5 U/μl)
- **10x Reaction buffer C:**
500 mM Tris-HCl pH 9.5 at 25°C
- **100 mM MgCl₂**

Shipping: at ambient temperature.

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

Quality Control Assays:

Assay	Result
Protein purity assay (SDS-PAGE)	passed
Endodeoxyribonuclease activity	passed
Exodeoxyribonuclease activity	passed
Self-priming activity	passed
Amplification efficiency	passed
PCR reproducibility	passed
DNA contamination (human gDNA)	passed

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

COA-01-06-KIT v1
Effective from 17.01.2024

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

APPROVED BY:

Head of Quality and Product Management