

## CERTIFICATE OF ANALYSIS

**Product:** PCR vkládací pufr

**Catalog No:** P048, P049

**Lot No:** P048032027

**Date of Expiration:** 10/2028

**Composition:** 6x concentrated loading buffer is high-density solution supplemented with stabilizers and additives, including EDTA which blocks enzymatic activity of restriction endonucleases.

**Storage temperature:** 4°C ± 3°C.

**Test:** PCR loading buffer is tested for its suitability in loading DNA fragments into agarose gel (Cat. No. P045) and electrophoresis. After staining of the gel with ethidium bromide (Cat. No. P046) DNA fragments should be clearly visible. Furthermore, PCR loading buffer is tested for nonspecific DNase activity (12 hours, 37°C).

**Result of the test:** passed

FOR RESEARCH USE

APPROVED DATE: 03.04.2026

Quality control: Hana Těšitelová