

CERTIFICATE OF ANALYSIS

Product: PCR loading buffer

Catalog No: P048, P049

Lot No: P048042026

Date of Expiration: 04/2026

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: 24.9.2023

Quality control: Hana Těšitelová