

CERTIFICATE OF ANALYSIS

Product: PCR Ethidium bromid_
Catalog No: P046, P047
Lot No: P046122027
Date of Expiration: 12/2027
Composition: It is a filtered solution of ethidium bromide (10 mg/ml) in PCR H₂O.
Packaging: 1 ml in plastic tube with screw cap.
Storage temperature: 4°C ± 3°C.
Test: PCR Ethidium bromid is tested for its suitability in loading DNA fragments into agarose gel and electrophoresis. After staining of the gel with PCR ethidium bromide DNA fragments should be clearly visible.

Analytical specification and properties:

Gelling temperature (1.5%)	36°C
Melting temperature (1.5%)	> 90°C
Gel strength (1%)	> 1 200 g/cm ²
DNase and RNase aktivita	not detectable

Functional test: Fractionation of DNA marker 200-1500 (Top-Bio, Cat. No. D 110) on 1% PCR agarose in 1 x TBE buffer

Result: PASSED, all fragments separated as expected

FOR RESEARCH USE ONLY

APPROVED DATE: 04.09.2025

Manager: Hana Těšitelová