

**CERTIFICATE OF ANALYSIS**

<b>Product:</b>	PCR Ultra H <sub>2</sub> O
<b>Catalog No:</b>	P040, P240, P340, P440
<b>Lot No:</b>	P040122025
<b>Date of Expiry:</b>	12/2025
<b>Composition:</b>	Ultrapure water (18 mohm), deprived of RNAses and DNAses without the use of diethylpyrocarbonate, filtered (0.22 µm), and sterilized by autoclaving.
<b>Supplied:</b>	15 ml or 1.5 ml in plastic tubes with screw cap.
<b>Storage temperature:</b>	Room temperature (15 – 30°C)
<b>Purity:</b>	No detectable contamination with proteins and nucleic acids as detected by Qubit Protein, RNA, and DNA assay kits.
<b>Contamination and functional tests</b>	No detectable contamination with DNAses as determined by amplification of DNA plasmid template diluted in PCR ultrapure H <sub>2</sub> O and incubated 2 h at 37°C before qPCR analysis. No detectable contamination with RNAses as determined by amplification of cDNA prepared by reverse transcription of RNA isolates diluted in PCR ultra H <sub>2</sub> O and incubated 2 h at 37°C before qPCR analysis..

FOR RESEARCH USE

APPROVED DATE: 03.12.2022

Manager: Hana Těšitelová