
Quality Certificate for TreffLab (q)PCR Microplates & Self Sealing Foil

This Document is valid for:

TreffLab PCR Microplates	96 & 384 fold, 0.2 ml to 25µl, thin wall design, all models
TreffLab (q)PCR Microplates	96 & 384 fold, 0.2 ml to 25µl, thin wall design, all models
TreffLab Self Sealing Foil	Article: 96.09597.9.01

Production

Herewith Nolato Treff confirms that all (q)PCR Microplates are made of virgin polypropylene resin providing high chemical resistance. No additives are used. The microbiological controlled fabrication is carried out in clean room class 8, ISO 14644-1. White dye of qPCR Microplates is "Masterbatch Medical Grade". All plates fulfill criteria of ANSI/SLAS format.

Additional Quality Parameters of PCR/(q)PCR Microplates and TreffLab Self Sealing Foil are:

Analyses are performed by an independent laboratory for molecular biological and microbiological analytics, accredited ISO/IEC 17025 for real-time PCR.

Free of RNase	(< 5x10E-9 Kunitz units)
Free of DNase	(< 5x10E-6 Kunitz units)
Free of human DNA	(< 2 pg DNA)
Free of PCR inhibitors	(< 10 copies)
Free of endotoxins	(< 0.01 EU/ml)
Free of ATP	(< 30 RLU)

Analyses of physical properties of TreffLab (q)PCR Microplates:

Temperature: TreffLab (q)PCR Microplates are autoclavable (121°C, 20 minutes, 100% humidity) according to DIN EN 285. Performance: White Microplates support faster heat transfer.

TreffLab Self Sealing Foil:

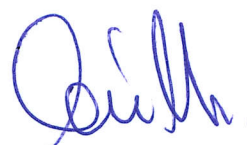
With encapsulated glue technology to prevent contamination of probes. Foil sticks only at contact surface of the plate. It can be stripped of easily without leaving a sticky residue on the plate. Not piercable. Recommended temperature range between -40°C and 120°C. The foil is suitable for foodstuffs.

Compatibility Chart of TreffLab (q)PCR Microplates with common used thermocycler is available on web-page of NolatoTreff company "downloads" (www.nolato.com/treff).

Best regards by Nolato Treff AG



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