



Nolato Treff AG

Taastrasse 16
CH-9113 Degersheim

phone +41 (0)71 372 55 55

fax +41 (0)71 372 55 01

Date: Degersheim 20/02/2017

Quality Certificate for TreffLab Pipette Tips and TreffLab Filter Tips

This Document is valid for:

TreffLab Pipette Tips	packed as bag
TreffLab Pipette Tips, +/- filter	packed as box
TreffLab Pipette Tips, +/- filter	packed as refill in single blister
TreffLab Pipette Tips	packed as refill in stack

Production

Herewith Nolato Treff AG confirms that TreffLab pipette tips are made of virgin polypropylene resin, providing high chemical resistance. The filter of tips is made from pure polyethylene (PE). All products are free of DiHEMDA (di(2 hydroxyethyl)methyl-dodecylammonium) and Oleamid (9-octadecenamid). The microbiological controlled fabrication is carried out in clean room class 8, ISO 14644-1.

Additional Quality Parameters of TreffLab Pipette Tips boxed, refill and intact sealed bags are:

Analyses are performed by an independent laboratory for molecular biological and microbiological analytics, accredited ISO/IEC17025 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)

Sterilization: Sterile pipette tips are sterilized with β - radiation according to ISO 11137 and AAMI guidelines. The sterility meets USP 29 and Ph. Eur. requirements.

Sterility	SAL of 10^{-6} (β - radiation)
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Temperature: Pipette tips without filter are autoclavable (121°C, 20 minutes, 100% humidity) according to DIN EN 285.

Best regards by Nolato Treff AG

Dr. Klaus Buschmann
Sales & Marketing Manager, TreffLab

Thomas Kreil
Quality Department