

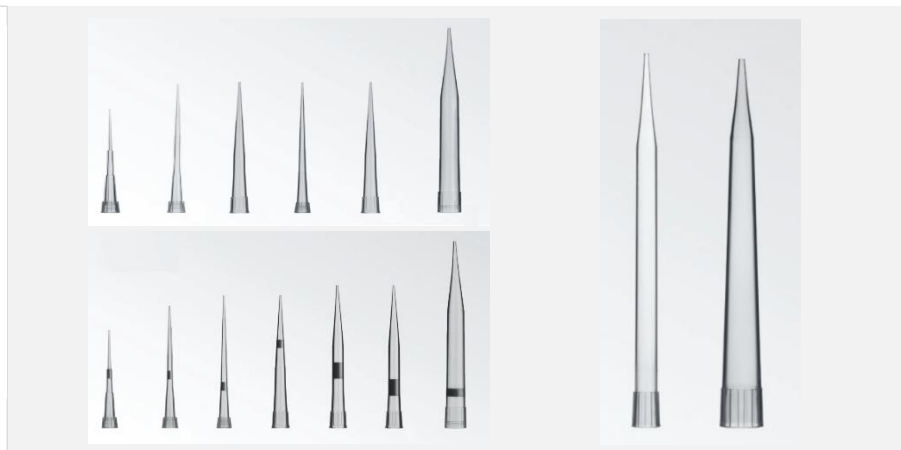
## Product Group Quality Certificate and Technical Characteristics

# TreffLab Slim-Line Pipette Tips

This document is valid for all  
Slim-Line Pipettes Tips:

Slim-Line Tips	20 -1000 µl
Slim-Line Filter Tips	1 – 1000 µl
TreffLab Tips	5 - 10 ml

Packed in  
Bulk Bag, Tip-Box, Tip-Rack and  
Refill Tip Rack, stacked



## Production

**Nolato Treff AG confirms that TreffLab Slim-Line Pipettes Tips are made of virgin resins providing high chemical resistance. The microbiological controlled fabrication is carried out in clean room class 8, ISO 14644-1. No additives are used.**

## Quality Parameters

Analyses are performed by an independent Swiss laboratory for molecular biological & microbiological analytics, accredited ISO/IEC17025 for real-time PCR:

- Free of RNase ( $< 5 \times 10^{-9}$  Kunitz units)
- Free of DNase ( $< 5 \times 10^{-6}$  Kunitz units)
- Free of DNA ( $< 2$  pg DNA)
- Free of endotoxins ( $< 10$  copies)
- Free of PCR inhibitors ( $< 0.001$  EU/ml)
- Free of R and ATP ( $< 30$  RLU)



## Physical Properties

- Robust pipette tip with Slim-Line™ shape
- Extra smooth surface minimizes binding of samples to the wall
- Suitable for all popular single and multi-channel pipettes
- Additive free pure Polyethylene (PE) Filter
- Aerosol and liquid safe due to pore size and filter length
- Autoclavable (20 minutes, 100% humidity)
- Ready to Use (CleanRoom Pure®)

## Materials

All products are produced with 100 % virgin polymer only. No recycled materials are used. Our material suppliers do not use or intentionally incorporate the following agents into the materials

Nolato Treff used for production:

- Slip agents (i.e. Oleamide)
- Biocides (i.e. DIHEMDA)
- Plasticizers (softeners/ phthalates)
- Silicone

## ISO Certificates

The Nolato Treff AG is certified according to ISO 9001, ISO 13485, ISO 14001 and ISO 22000.

All TreffLab Consumables are produced in microbiologically controlled clean rooms class 8, ISO 14644-1

## Safety note

Additional sterilized Pipettes Tips are available on special request. Sterile pipette versions are sterilized with  $\beta$ -radiation according to ISO 11137 and AAMI guidelines. The sterility meets USP 29 and Ph. Eur. requirements SAL of  $10^{-6}$  ( $\beta$ -radiation). Intended use: For Research and Development only.

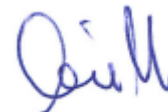
TreffLab Slim-Line™ Pipette Tips, PP, are designed to achieve the highest level of precision, accuracy and reproducibility demanded by scientists for challenging assays and analysis. To keep the physical properties of TreffLab PP Consumables, the following storage conditions are recommended:

- storage temperature (18 – 28°C)
- no light exposure (= packed in original cardboard box)

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