

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 μ l Slim-Line Filter Tips 1 - 1000 μ l

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



Production

Nolato Treff AG confirms that TreffLab Slim-Line Pipettes Tis 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 (< 5x10E-9 Kunitz units)Free of DNase (< 5x10E-6 Kunitz units)

Free of DNA (< 2 pg DNA)
Free of PCR inhibitors (< 10 copies)
Free of endotoxins (< 0.001 EU/ml)
Free of ATP (< 30 RLU)



Nolato Treff uses raw materials which are in compliance with the actual valid RoHS and REACH regulations strictly. Therefore, it also includes Art. 33 of REACH concerning SVHC substances.

Physical Properties

- ➤ Robust pipette tip with Slim-Line™ shape
- Extra smooth surface minimizes binding of samples to the wall
- ➤ ANSI/SLAS 2004 standard for robotic handling
- 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 ß-radiation according to ISO 11137 and AAMI guidelines. The sterility meets USP 29 and Ph. Eur. requirements SAL of 10-6 (ß-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)

March, 2024

Richard Wiesli Sales & Marketing Manager,

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TreffLab

Peter Klose **Head Quality Management**

