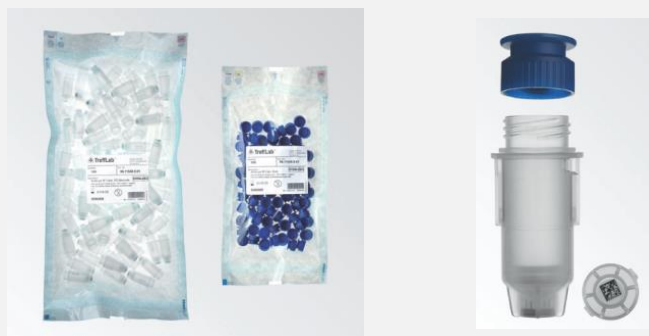


Product Group Quality Certificate and Technical Characteristics

TreffLab AutoLys M

This document is valid for all
AutoLys M Products:

AutoLys M Cap and Tubes,
2 D BC, EO sterile 250 / 500 pcs
1 D BC, EO sterile 500 pcs
AutoLys M Cap,
EO sterile 1000 pcs
AutoLys M Tube,
2D BC, EO sterile 1000 pcs



Production

Nolato Treff AG confirms that all TreffLab AutoLys M Caps and Tubes are made of virgin PP 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 endotoxins (< 10 copies)
- Free of PCR inhibitors (< 0.001 EU/ml)
- Free of R and ATP (< 30 RLU)
- Low binding >DNA surface
- Ethylene Oxide processed (ISO 18385)



Physical Properties

- Special virgin PP resin with smooth surface for top DNA recovery
- Compact, extra wide design of sample and lysis tube
- Individual unique 2D barcode for each tube
- PTFE Membrane (30 µm) at inner tube for lossless DNA filtration
- Assay volume of 200 to 900 µl
- Lysis incubations temperatures up to 90° C
- AutoLys M Tubes withstand centrifugal g forces up to 3'000 RCF
- CleanRoom Pure®, LoTrace® DNA and LoTrace® Forensics

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

Ethylene Oxide treatment according to ISO 18385, ISO 11135

Safety note

All Nolato Treff AutoLys M tubes are suitable for centrifugal applications up to 3000 RCF. Centrifugation has to be carried out according to Good Laboratory Safety Practice rules.

AutoLys M tubes are not approved for overpressure applications.

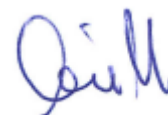
The AutoLys M Tube is made of special virgin polypropylene resin providing high chemical resistance and excellent surface quality to ensure maximum DNA recovery for next step of DNA analysis. To keep the physical properties, the following storage conditions are recommended:

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

March, 2021



Richard Wiesli
Sales & Marketing Manager,
TreffLab



Thomas Kreil
Quality Department

