



# Quality Statement

## AmpliPur™

EXPERT TIPS

# SAMPLE

### Quality Statement

Sample integrity is at the core of what we do every day, and we know that starts with high-quality materials. Pipette tips for air displacement pipetting are crucial in laboratories conducting e.g. molecular biology research, clinical research, and biomedical testing. Not all tips are created equal, and we're proud to offer an extensive range of tips with easy-to-identify packaging that fits your budget and research needs. Our ISO 8655-compliant AmpliPur™ Expert Tips provide a significant value for the money spent. They are manufactured according to the certified Gilson quality standards, ensuring each is free of DNase and RNase that can affect your results.

These filter tips protect precious samples from cross-contamination. Their universal fit allows them to be used with various pipette brands, reducing the logistics of stocking many different tip brands to serve all the laboratory's pipette models.

Gilson follows strict rules for our different manufacturing steps. Our Quality Management System complies with the current version of the ISO 9001 standard. We guarantee to supply quality products and services, from the receiving of the customer orders to the release of the products. We follow up post-market evaluation to ensure customer satisfaction. Regularly, Gilson evaluates its objectives, processes, systems, suppliers, and personnel to focus on our continuous improvement plans and, when necessary, implement corrective actions.

Gilson AmpliPur Expert Tips are machine molded by an entirely automated process, and production is done in an isolated, filtered atmosphere. To reduce the risks of contamination, human contact is avoided throughout the entire production process.

The manufacturing lot of Gilson's AmpliPur Expert Tips listed below has been sampled and inspected under internal procedures by fully trained personnel. The lot number appearing on the package ensures full traceability and attests to its conformity to the highest standards.

### Bio-Molecule Detection Protocols

- **RNase Limit of Detection is 0.6 uU/test or 2.5 pg/1.0 mL**

All procedures were accomplished according to SOP 3.2 (Fluorescent method for RNase contamination assay), samples were extracted for one hour at 37°C with Nuclease free water, NFW (Ambion®). The sample extraction was tested triplicate with fluorescent-labeled RNase probe (10 pmoles) for 1h at 37°C in a real-time PCR instrument (Step One Plus, Thermo), Fluorescence (FAM channel, 520 nm) was ready out every 10 seconds. The sample extractions were evaluated against a control standard RNase A series: 0.6, 1.2, 2.5 uU/test. As a negative control, we used NFW.

- **DNase Limit of Detection is 0.3 mU/test or 1.2 ng/1.0 mL**

All procedures were accomplished according to SOP 3.1 (Fluorescent method for RNase contamination assay), samples were extracted for one hour at 37°C with Nuclease free water, NFW (Ambion®). The sample extraction was tested triplicate with fluorescent-labeled RNase probe (10 pmoles) for 1h at 37°C in a real-time PCR instrument (Step One Plus, Thermo), Fluorescence (FAM channel, 520 nm) was ready out every 10 seconds. The sample extractions were evaluated against a control standard RNase A series: 0.3, 0.7, 1.4 mU/test. As a negative control, we used NFW.

PRODUCT DESIGNATION	CATALOG NUMBER	LOT NUMBER	EXPIRATION DATE
AmpliPur Expert Tips, 0,5-10µL	F174101	210125-1120	2024-01-24

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