

PERIODIC MAINTENANCE CHECKLIST - ANKOM^{TDF} DIETARY FIBER ANALYZER

Year: _____

Month: _____

WEEKLY

Flush lines with ethanol using the Instrument out-of-use procedure in appendix B on the ANKOM^{TDF} Operator's Manual.

Clean instrument of any spills or splatters of sample or reagents

initials/date: _____

initials/date: _____

initials/date: _____

initials/date: _____

MONTHLY

Inspect containers and container filters (at the end of the tubing inside each container) checking for any precipitate, particles or foreign matter that may be plugging the filters or settled at the bottom of the container. Clean filters under fast running water. Replace filters as needed (Part #: 8202, 8203). Clean containers with mild detergent as needed; rinse thoroughly out with water and air dry.

initials/date: _____

Inspect and clean the spray tips at each IDF and SDF station. Observe spray capability during the rinse cycle of any assay. Remove plugged spray tips by pulling and turning them (they are friction fit to the fill nozzles). Clean out the six holes using the Spray Tip Cleaning Tool (part # TDF94) to regain unobstructed fluid passage. Clean out any foreign matter left by the process (pressurized air may be used to blow out the holes). If needed replace the spray tips (part # TDF44). Reinstall the spray tips onto the fill nozzles.

initials/date: _____

Inspect fluid tubing for wear, leaks, blockages, or mold growth. Run a pump tube test (found in the Diagnostics mode). Tilt the instrument forward (or view from the rear) to look for any leaks during the this test in which the silicone tubing is pressurized. Replace tubing as needed [part # TDF77 (Silicone 3/16" x 1/16"), TDF78 (Silicone 1/4" x 1/8"), TDF88 (EPDM 1/4" x 1/8")].

initials/date: _____

Inspect pneumatic tubing for leaks or cracking. With the instrument connected to pressurized nitrogen, inspect the pressurized air lines. Listen for any audible leaks and check tubing for cracks or kinks. Replace tubing as needed [part # 8214 (blue), 8215 (yellow), 8216 (black), 8217 (green)] .

initials/date: _____

ANNUALLY

Replace all pinch valve tubing (TDF71) at the IDF, SDF, Waste and Enzyme pinch valves. Refer to Service Procedure TS005 at www.ankom.com.

initials/date: _____

EVERY 2 - 3 YEARS DEPENDING ON USAGE

Replace all fluid tubing throughout the instrument. Refer to Service Procedures TS006 and TS007 or contact www.ankom.com or your local distributor for service.

initials/date: _____