

Date: \_\_\_\_\_  
Laboratory: \_\_\_\_\_  
Address: \_\_\_\_\_  
Country/Distributor: \_\_\_\_\_

MC1 <input type="checkbox"/>	MC2 <input type="checkbox"/>	MC3 <input type="checkbox"/>
CAPILLARYS 3 TERA SN: _____	CAPILLARYS 3 TERA SN: _____	CAPILLARYS 3 TERA SN: _____
	CAPILLARYS 3 TERA SN: _____	CAPILLARYS 3 TERA SN: _____
		CAPILLARYS 3 TERA SN: _____
TUBE LOADER SN: _____	TUBE LOADER SN: _____	TUBE LOADER SN: _____
TUBE LOADER firmware rel.: _____	TUBE LOADER firmware rel.: _____	TUBE LOADER firmware rel.: _____
Bypass SN: _____	Bypass SN: _____ / _____	Bypass SN: _____ / _____ / _____

## 1. INSTRUMENT DECONTAMINATION – INSTRUMENT OFF

Instrument decontaminated by the customer: YES ☐ NO ☐  
If "NO", decontaminate the instrument before the maintenance. (cf SDS/CIA/SEB/0997) ☐

## 2. VERIFICATIONS AND MAINTENANCE – INSTRUMENT OFF

- Verify the stability of the TUBE LOADER and the Bypass module(s) ☐
- Lubricate the TUBE LOADER belts of the 4 lines, using V300 (Ref: 90000042), to decrease friction noise ☐

## 3. VERIFICATION - DURING SWITCHING ON

- Verify the startup process and initialization of the TUBE LOADER (no error message) ☐
- Verify that the TUBE LOADER detects correctly the CAPILLARYS 3 (red, orange or green icons on the TUBE LOADER IHM, depending on the status of the instruments) ☐

## 4. PARAMETERS BACKUP – INSTRUMENT ON

- Backup the TUBE LOADER parameters using the script available in the support website S.K.B. ☐  
(<http://support.sebia.com>) note: if possible, attach the «.tar» file obtained in the CRM

## 5. MISCELLANEOUS TESTS (menu "Test Mode")

Select « *Settings* », enter the service password and select the menu "*Test Mode*".  
Into the tabs "*Bypass1*", "*Bypass2*" and "*Bypass3*", verify the correct functioning of the front cover and the rack presence sensors:

- Bypass1 front cover sensor: C31 (status change when cover is opened / closed) ☐
- Bypass1 output line: C27 (status change when rack detected / not detected) ☐
- Bypass2 front cover sensor: C40 (status change when cover is opened / closed) ☐
- Bypass2 output line: C36 (status change when rack detected / not detected) ☐
- Bypass3 front cover sensor: C47 (status change when cover is opened / closed) ☐
- Bypass3 output line: C43 (status change when rack detected / not detected) ☐

## 6. ROUTINE TESTS

- Place 5 sample racks with tubes on each line 1, 2, and 3 of the TUBE LOADER (without STOP racks) ☐
- From the menu "*MiniCycles*", perform a "*Running in*" cycle for 30 minutes and verify that there is no error during the test. ☐

## 7. TUBE LOADER CONNECTION TO THE CAPILLARYS 3

Place STOP racks on lines 1, 2, and 3 of the TUBE LOADER.  
Make sure that the CAPILLARYS 3 are in "*Waiting for racks*" status and with Phoresis connected (status "*Ready*")

Confirm the connection between CAPILLARYS 3 and the TUBE LOADER:  
(press on the top right corner of the CAPILLARYS 3 IHM → "*Accept rack from MC*": select "*Yes*")

- TUBE LOADER IHM: verify that the icon(s) changes to green color ☐
- CAPILLARYS 3 IHM: verify that the icon(s) indicates the correct status (connected) ☐

## 8. TUBE LOADER SHUTDOWN CYCLE

Disconnect the CAPILLARYS 3 instrument(s) from the TUBE LOADER:  
(press on the top right corner of the CAPILLARYS 3 IHM → "*Accept rack from MC*": select "*No*")

- TUBE LOADER IHM: verify that the icon(s) changes to orange color ☐
- CAPILLARYS 3 IHM: verify that the icon(s) indicates the correct status (disconnected) ☐

From the main menu of the TUBE LOADER IHM, select "*MC Shutdown*".

- Verify that the countdown is running from 10 to 0 ☐
- Verify the correct reboot of the TUBE LOADER at the end of the countdown ☐

**COMPLIANT INSTRUMENT:**

TECHNICIAN:

YES: ☐

NO: ☐

\_\_\_\_\_  
Name and signature

Note: Instrument is declared compliant if all the above steps, with no exception, have been successfully done and cross marked.