

## **Title: Cleaning the 3M™ Microbial Luminescence System [MLS] or 3M™ Microbial Luminescence System-USB [MLS-USB]**

### **3M™ MLS or 3M™ MLS-USB Operation– Daily Cleaning**

**Number: TB.077.00**

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**Supersedes: New**

**Technology Platform: 3M™ Microbial Luminescence System [MLS]**

**Originating Location: St. Paul, Minnesota**

This technical bulletin is intended to provide a quick protocol for cleaning the 3M™ MLS or 3M™ MLS-USB after testing Ultra High Temperature (UHT) processed and Extended Shelf-Life (ESL) dairy products.

**When This Is Required:** Cleaning of the MLS or MLS-USB instrument is required **daily** after each major shift that conducts UHT and ESL end-product testing.

#### **Recover Reagents (Optional)**

1. Select **UTILITY, DISPENSERS, RECOVER**.
2. Choose injectors **B** and **C**. Select **3** strokes. Click **OK**.

#### **Washing and Priming Injectors with the 3M™ MLS Injector Cleaning fluid**

1. Replace Extractant, ATPase and L/L1 with 3 amber vials containing ATP-Free water.
2. In **UTILITY, DISPENSERS**, select **WASH/PURGE**.
3. Choose injectors **A, B** and **C** and **20** strokes. Click **OK**.
4. Place Drain Plate in plate carrier. Click **OK**.
5. Remove and empty Drain Plate. Click **OK**.
6. Replace the 3 vials of ATP-Free water with 3 vials containing the 3M™ MLS Injector Cleaning fluid.
7. In **UTILITY, DISPENSER**, choose **PRIME**. Select injectors **A, B** and **C** and **6** strokes. Click **OK**.
8. Place Drain Plate in plate carrier. Click **OK**.
9. When the priming cycle is complete, remove and empty Drain Plate. Click **OK** and then **DONE**. The Injector Cleaning fluid should remain in the lines when the MLS is not in use.
10. To shut down the system **CLOSE** all files. Click on **Shut Down**. When prompted with “What do you want the computer to do?” select **Shutdown**, click **Enter**.

It is now safe to turn off the computer. **Do NOT press Restart**. Simply turn off MLS.

#### **Trademark**

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