# Trial # \_\_\_\_\_

Performed by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Checked the Environment

Note any issues with the tanks, pipes, pump, or fluid level:

Changed Fluid: Y / N

Added \_\_\_\_\_\_\_\_\_\_\_\_\_ mL of EBSS

* + Temperature is 37 C.
  + Flow Rate is normal.
  + Fluid level is above minimum.
* Collect Samples
  + Turn off pump and remove trays.
  + Collect randomized samples using tweezers and the generated matrix.
  + Replace samples with PLA dummy samples and put back into the tanks in the correct orientation and order.
  + Photograph samples with the black backdrop with date.
  + Place samples into sanitary containers separated by material type.
* Tensile Testing
  + Heat up a quart of water to 37 C.
  + Clamp one sample into the tensile incubator.
  + Fill incubator with the heated water and setup in the Instron.
  + Test material with 50 N Force Gauge in a 1 mm/min Tensile Test.
  + Record Results:
    - Material Type
    - Modulus of Elasticity
    - Ultimate Strength
    - Ultimate Strain
  + Repeat for each sample.