

1.2 Apparatus list

Each team would be assigned some apparatus (specified below). Extra quantities can be requested if available.

Item	Quantity	Received	Returned
50 mL beaker	4		
100 mL beaker	8		
250 mL beaker	2		
250 mL Erlenmeyer flask	2		
2L beaker (as WASTE beaker)	1		
10 mL volumetric pipette	4		
30 mL volumetric pipette	1		
Pipette bulb	2		
Pipette rack	1		
Glass rod	2		
100 mL volumetric flask	5		
500 mL volumetric flask	1		
500 mL media bottle	1		
Stir bar	4		
Plastic funnel	2		
Wash Bottle	2		
Falcon tube rack	2		
Tray/Box	1		
Sharpie (Normal)	10		
Sharpie (Ultra-thin)	8		
Pen	10		
Masking tape (Colour)	2		

1.2 Apparatus list

The following apparatus would be available to all teams but would not be assigned to each team due to limited availability and are borrowed on a first-come, first-served basis. These apparatuses are shared across teams and shall be returned immediately after finishing use. The lab supervisor can retrieve unused apparatus.

Item	Quantity
25 mL volumetric flask	6
10 mL volumetric flask	2
50 mL volumetric pipette	4
25 mL volumetric pipette	2
20 mL volumetric pipette	1
15 mL volumetric pipette	1
5 mL volumetric pipette	1
4 mL volumetric pipette	1
3 mL volumetric pipette	1
2 mL volumetric pipette	1
Electronic pipette controller	2
2 mL Serological pipette (Glass)	4
Watch glass	2
250 mL media bottle	2
1000 mL media bottle	1
10 mL micropipette (Accurate)	1
1000 μ L micropipette (Accurate)	1
10 mL micropipette (less accurate)	2
1000 μ L micropipette (less accurate)	1

1.2 Apparatus list

The following consumables would be available to all teams but would not be assigned to each team due to various needs. Sufficient quantities are prepared but need to be requested before taking from the inventory.

Item	Quantity
15 mL Falcon™ Tube	> 200
50 mL Falcon™ Tube	> 100
Disposable dropper	50
Disposable serological pipets (10mL)	> 100
Micropipette tips (1000 µL)	> 500
Micropipette tips (10 mL)	> 100
10 mL syringe	50
30 mL syringe	40
Syringe tip	> 50
pH strips	>100

The following apparatus would be available to all teams but can only be used in designated spaces. Availability is allocated on a first-come, first-served basis.

Item	Quantity
Spec 20D+ uv-vis spectrophotometer	1
Soldering iron	1
Analytical balance	2
Regular balance	2