

LAB ITEMS

Sr#	Description	Qty
1	<u>Thermo Scientific Barnstead Pacific TII 12 UV Water Purification System</u> <ul style="list-style-type: none"> (with external double cartridge pre-treatment filters) Power: 220V, 50 Hz Water Production: 12 L/h Resistivity @ 25°C: 10-1 MΩ.cm Conductivity: 0.067-0.1 μS/cm TOC < 30 ppb Silicate Removal > 99.9% Hand Dispenser with three meter tubing Storage Reservoir (with level display): 30L (included with wall mounted bracket) The system should include all necessary accessories for five years of smooth operation i.e. RO membranes, DI cartridge and CO₂ absorber for storage tank 	One
2	<u>Density Meter and External Density Cells</u> <ul style="list-style-type: none"> Make: Mettler Toledo Model: DM50 Power Supply: 220V & 50Hz Standard Reference Material should be included 	One
3	<u>Refractometer and External Refractive Index Cells</u> <ul style="list-style-type: none"> Make: Mettler Toledo Model: RM50 Power Supply: 220V, 50Hz Standard Reference Material should be included 	One
4	<u>Specific Gravity Hydrometer</u> <ul style="list-style-type: none"> Specific Gravity Range: 1.2-1.42 Division: 0.01 Length: 300 mm 	2
5	<u>Double Tip Needle</u> <ul style="list-style-type: none"> Gauge 20 Length 24" Cat. No. Z101095 (Make: Sigma Aldrich) 	3
6	<u>Aldrich Dual Bank Manifold with Glass Stopcocks Position 3</u> <ul style="list-style-type: none"> Cat. No. Z202681 	One
7	<u>Stirr Bar (with Spinning Ring)</u> <ul style="list-style-type: none"> Length: 3" Diameter: 0.5" 	5
8	<u>Stirr Bar (with Spinning Ring)</u> <ul style="list-style-type: none"> Length: 2" Diameter: 0.375" 	5
9	<u>Stirr Bar (with Spinning Ring)</u> <ul style="list-style-type: none"> Length: 1" Diameter: 0.375" 	5
10	<u>Large-Volume Stirr Bar</u> <ul style="list-style-type: none"> Length: 4.25" Diameter: 0.68" 	5

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11	Egg Shaped Stirr Bar <ul style="list-style-type: none">• Length: 3"• Diameter: 0.75"	5
12	Egg shapped Stirr Bar <ul style="list-style-type: none">• Length: 2"• Diameter: 0. 75"	5
13	Egg Shaped Stirr Bar <ul style="list-style-type: none">• Length: 1"• Diameter: 0.5"	5
14	Starburst Stirring Head <ul style="list-style-type: none">• Dimensions: 1.5" x 1.5"	2
15	Starburst Stirring Head <ul style="list-style-type: none">• Dimensions: 1" x 1"	2