

SALINITY MEASUREMENT

1. Fill the sample bottle to the 10 ml. line with distilled water.

10 ml.

2. With the syringe, add 0.5 ml. of the lagoon sample water to the sample bottle.

0 ml.

0.5 ml.

1.0 ml.

3. Add 3 drops of indicator to the sample - it should turn yellow.

4. Fill the titrator syringe with silver nitrate.

5. Add silver nitrate to the sample; one drop at a time. MIX CAREFULLY. Stop when the sample turns from yellow to orange-brown.

6. Read the salinity in parts-per-thousands (ppt) units from the titrator. Record the results.

