

1A

- 1** Thoroughly clean the outside of the shellfish with fresh water.
- 2** Open the shellfish by cutting the adductor muscle.
Shucking knife
- 3** Rinse inside with fresh water to remove sand and other foreign material.
- 4** Remove tissue from shell by separating the adductor muscle and tissue connecting at the hinge.
- 5** Collect about 120-150 mL of shellfish tissue using the collection cup.
- 6** Transfer the tissue to sieve forming a single layer. Let tissue drain for 5 minutes.
- 7** Pick out pieces of shell.
discuss drainings
TRASH OR SINK
- 8** Transfer shellfish tissue to the 600 mL beaker.
Blend at high speed until pureed.
- 9** Transfer puree into a tube, up to the 10 mL line, using the shucking knife. Shellfish tissue is now ready for extraction. Label the tube with sample number.

Turn over to prepare for testing

1B

- 1** Add 10 mL of 0.1 N HCl to shellfish puree tube.
10 mL 20 mL
- 2** Tightly cap the tube and shake well.
Repeat steps 1 & 2 for additional samples.
- 3** To monitor temperature, pour 20 mL of water into a tube and put a thermometer through the hole in the top.
Tube with hole in top
- 4** Place temperature & sample tubes in the rack. Place the rack in a pot of boiling water.
LOOSEN CAPS & COVER POT WITH ALUMINUM FOIL
- 5** Start timing when the thermometer indicates 95° C (203° F). Let the sample(s) boil for 5 minutes.
- 6** Place the rack with the sample tubes in a container of cold water and allow to cool to room temperature.
The contents of the tubes will CLUMP.
DO NOT RE-MIX!
- 7** Filter each boiled sample through a separate filter*.
- 8** Pour filtered extract into a clean, labelled small tube.
- 9** Check the pH of the extract with a narrow range pH strip (ie: pH 1-6). The pH should be between 2.5 and 3.5, preferably about 3.0. To lower the pH, add 1.0 N HCl (or 1.0 N NaOH to raise the pH) one drop at a time and mix until the desired pH is reached.
- 10** Extract is ready to use.
For future use keep the extract capped tightly at 4°- 5°C 39°- 41°F.
DO NOT FREEZE

Refer to Jellett Rapid Test Instruction Sheet to perform test.

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