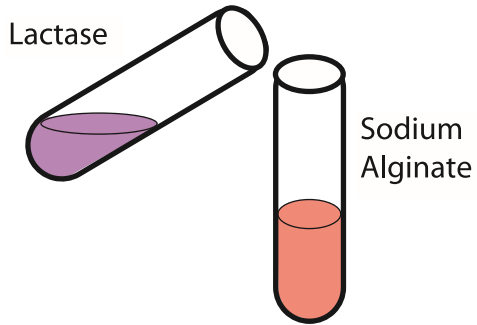
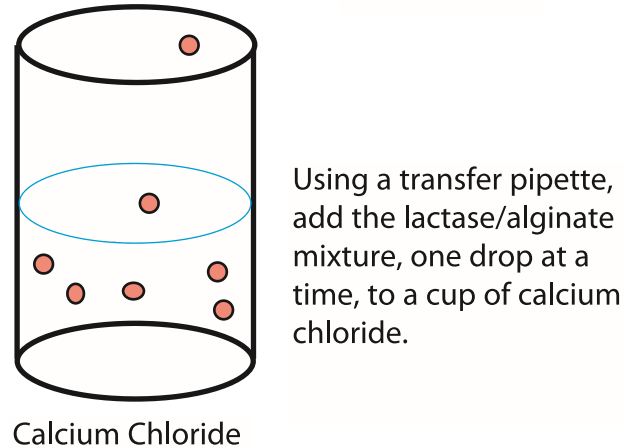


Lactose Digestion

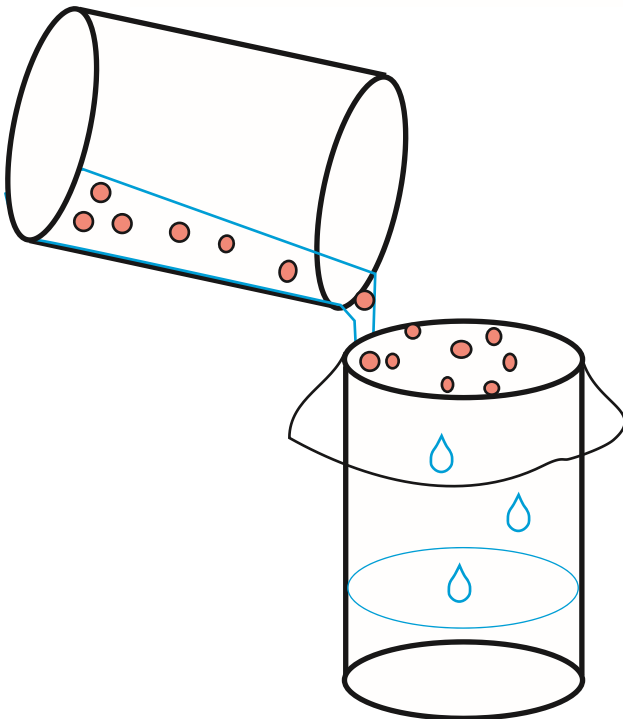
- 1** Combine 2 ml lactase enzyme with 6 ml sodium alginate solution. Close tube and shake well to mix.



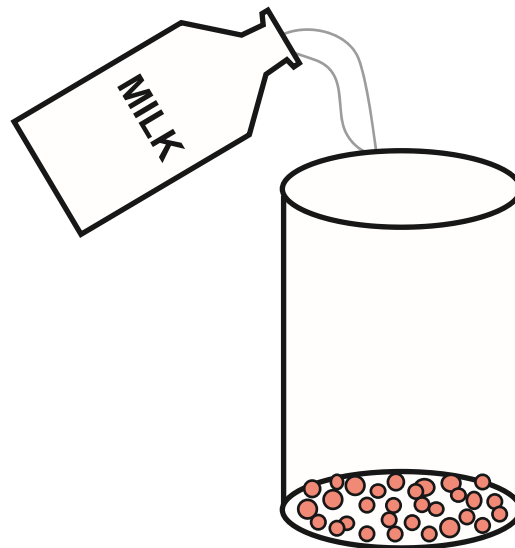
- 2** Using a transfer pipette, add the lactase/alginate mixture, one drop at a time, to a cup of calcium chloride.



- 3** Using a new cup, separate the beads from the calcium chloride with a coffee filter. Return the calcium chloride solution to the instructor.



- 4** Scoop the beads into an empty cup, and then add milk.



- 5** Test the milk. Was the experiment a success?