

Make Your Own Soap

Data Table

Color, Texture and Appearance of Soap	
pH and Appearance of Soap Solution	
Emulsification Test	
pH of Soap (after one week)	

Post-Lab Questions

1. Explain why soap is used for washing instead of just using water alone.
2. Compare the color, texture and appearance of the homemade soap versus your favorite brand of hand soap.
3. Is the homemade soap solution acidic or basic? Explain.
4. Consider the results of the emulsification test.
 - a. Compare the results between the olive oil with water and the olive oil with the soap solution.
 - b. Explain the difference in the results in terms of the ability of soap to form micelles.
5. Why do soaps made from different oils have different properties, even if the properties are only slightly different?
6. Describe the properties of the soap made with your own recipe.