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- End mixture is clear.

- End mixture is 29°C.

Experiment - It cooled by 3°C.

Experiment F

- Water is clear, sodium polyacrylate is white.

- The mixture is a solid, opaque substance that sticks to the beaker.

- The sodium polyacrylate absorbed all of the water.

- It is a jelly like substance that looks like ice.

Conclusion:

The purpose of the lab was to identify physical and chemical changes through different experiments. We achieved this purpose by performing 6 different experiments and determining whether or not it was physical or chemical. Experiment A was a physical change because mixing water and copper sulfate gave a blue liquid, boiling away that water left a white powder, and adding water back turned it blue again. Experiment B was a chemical change because adding a magnesium strip to HCl caused it to dissolve the strip and had an exothermic reaction. Experiment C was a chemical reaction because mixing water, Epsom salts and ammonia created a

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