

## Detection of Organic Molecules - Lab Make-up

**Purpose:** Determine which of the four organic molecular molecules are in food. Use the data collected below to write a lab report.

**The following data was gathered during the Detection of Organic Molecules lab:**

**Baby Food:** Turkey and Mashed Potatoes

**Hypothesis:** (An if... then... because... statement. Which of the macromolecules do you think would be in turkey and mashed potatoes?)

Data:

The four tests were performed, and the following observations were recorded.

Test	Observations
Control - original baby food	The baby food is light tan in color.
Benedict's test	The mixture was heated, and after 10 minutes the solution inside the tube was blue.
Biuret Test	The mixture turned purple after the solution was mixed.
Sudan III Test	After the solution was mixed little red dots appeared.
Iodine Test	After the iodine was added the solution turned black.