LAB: DNA Extraction from a Strawberry

Pre-lab Questions:

1. What do you think the DNA will look like?
2. Where is DNA found?

Post-Lab Questions:

3. We learned that DNA is a double helix. What did your DNA look like? Why do you think it looked so different from a double helix?
4. DNA dissolves in water. Why do you think we used ethanol to get it out of the strawberry? (HINT: Ethanol contains no water.)
5. Why might someone want to get DNA out of a living thing? Give an example.
6. Is there DNA is your food? How do you know?
7. A person cannot see a single cotton thread from 100 feet away, but if you wound thousands of threads together into a rope, it would be visible much further away. Is this similar to our DNA extraction? Explain your answer.

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