

SC.912.L.18.1 – Macromolecules – Example 4 Answer

You are analyzing a compound in the laboratory. You find that it is made up of carbon, hydrogen, and oxygen in a ratio of two hydrogen atoms for each carbon atom. How will you classify the compound?

**A. lipid**

**B. protein**

**C. carbohydrate**

**D. nucleic acid**

**Answer**

C. carbohydrate

Carbohydrates are made up of Carbon, hydrogen, and oxygen. See the video for the basic carbohydrate structure.