

Biological molecules

Which elements are in carbohydrates?

Biological molecules

Which elements are in fats?

Biological molecules

Which elements are in proteins?

Biological molecules

What are starch, glycogen and cellulose made from?

Biological molecules

What are proteins made from?

Biological molecules

What are fats and oils made from?

Biological molecules

Iodine solution test: food molecule and positive result?

Biological molecules

Benedict's test: food molecule and positive result?

Carbon, hydrogen and oxygen.

Carbon, hydrogen and oxygen.

Many glucose molecules joined together.

Carbon, hydrogen, oxygen and nitrogen.

Fatty acids and glycerol.

Amino acids.

Reducing sugars; heat, blue turns green, yellow, orange or brick-red.

Starch; orange-brown turns blue-black.

Biological molecules

Biuret test: food molecule and positive result?

Biological molecules

Ethanol emulsion test: food molecule and positive result?

Biological molecules

DCPIP test: food molecule and positive result?

Biological molecules **Supplement**

What is the shape of a DNA molecule?

Biological molecules **Supplement**

What holds the two DNA strands together?

Biological molecules **Supplement**

Which bases pair together in DNA?

Fats and oils; mix with ethanol then water, a cloudy white emulsion forms.

Protein; blue turns purple / lilac.

Two strands coiled together to form a double helix.

Vitamin C; blue DCPIP turns colourless.

A with T, and C with G.

Bonds between pairs of bases.