

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?

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

Protein; blue turns purple / lilac.

Vitamin C; blue DCPIP turns colourless.