

3. An investigation was carried out to compare the mass of DNA in different types of fruit.

A 10 g sample from each of 5 different types of fruit was mixed with salt solution and detergent and incubated in a water bath at 60 °C.

Ethanol was added to precipitate the DNA and the mass of DNA was measured using a balance.

The entire investigation was repeated.

The validity of the investigation was improved by

- A using 5 different types of fruit
- B using a balance to measure the mass of DNA
- C using a water bath to incubate the mixture
- D repeating the entire investigation.