

GCSE Chemistry B (Twenty First Century Science)

J258/04 Depth in chemistry (Higher Tier)

Question Set 3

1. Mauritius is a country of small islands surrounded by sea.

There is almost no fresh water in Mauritius.

Seawater cannot be used as drinking water because it contains a large amount of salt.

(a) The flowchart shows the stages in a process which produces drinking water from seawater.



(i) Which stage removes the salt from the seawater?

Explain your answer.

[3]

(ii) Explain why there are no harmful bacteria in the water **after stage 2**.

[2]

(iii) Explain why **stage 3** is needed.

[1]

Total Marks for Question Set 3: 6

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