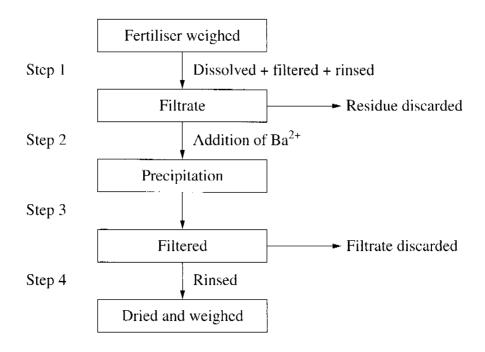
3

Question 29 (6 marks)

The flowchart shown outlines the process used to determine the amount of sulfate present in a sample of lawn fertiliser.



- (a) What assumptions were made and how do these affect the validity of this process?

 This experiment is not valid as running needs to be nevered is distillention water, to ensure was reading sense of the feltrate.

 To ensure waterity, the process needs to be done at least three times and are age out the results. Some of the residue mentioned of the stop of makes this experiment invested, be cause of the residue being abscrapted. This can affect the creatile result.
- (b) It was found that 4.25 g had a sulfate content of 35%.

What is the mass of the dried precipitate at Step 4? Include a chemical equation in your answer.

Bacticago + Scale Cogo + Ct cago
· ·
MCSUAR = (32 C7 + 16×A) = 96 O7
