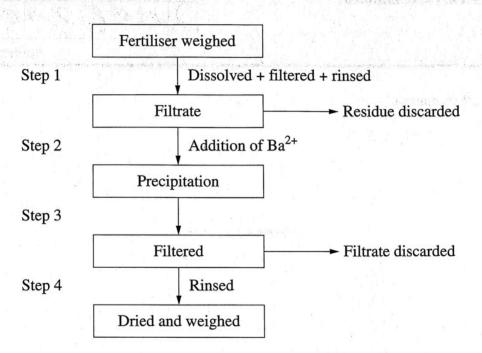
3

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? I. They discussed the filtered Instead of weighing one Dying it with constant. 2) They This affect the offer all stonded weight The asymptoter that was made was in that Thy Though that the filter weigh current instead at dulle checking it:

(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.

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