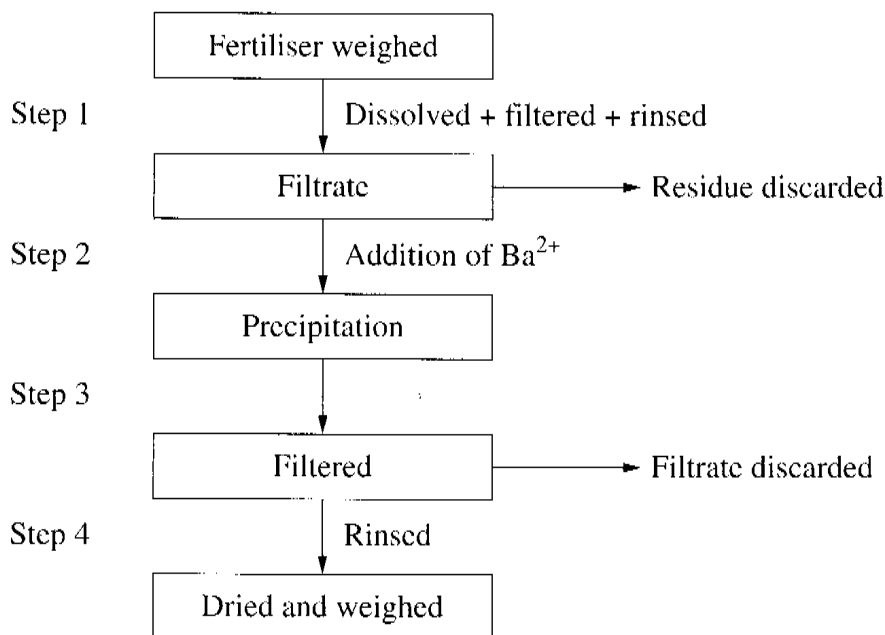


**Question 29** (6 marks)

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? 3

Assumptions made: the residue & filtrate discarded.

If there is residue still in the mixture then the results are affected.

- (b) ~~It was found that 4.25 g had a sulfate content of 35%.~~ 3

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

I don't do calculations.