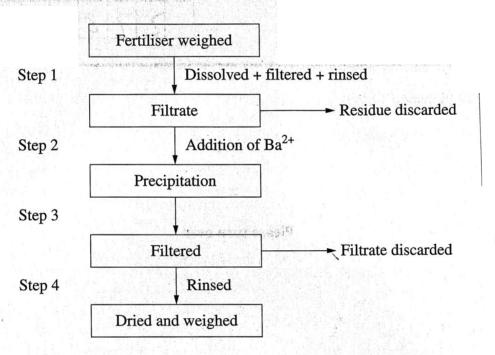
3

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?

 Assumption: 1) No supple was preinting completely by Bathon in step 1, 2) All suffer my preinting completely by Bathon 3) (n step 3 ver the raise was discosed, it is about that the is no suffer part in the Pellie.

 This affect the validay of the expend to as classy my active a rout that they are suffer content to the formal and want in the St.
- (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.

