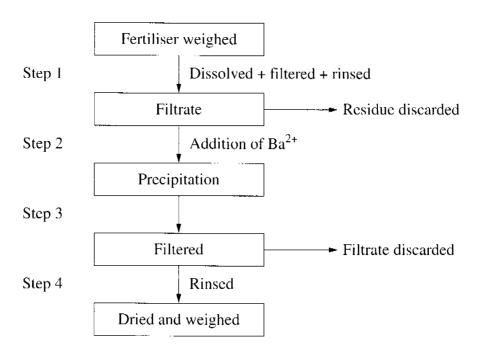
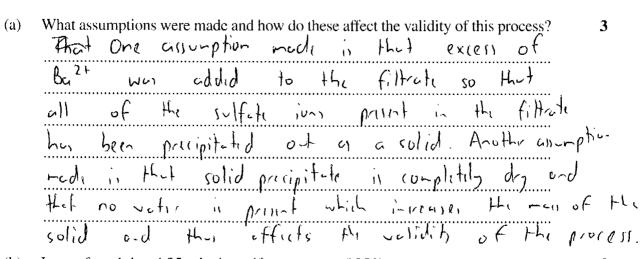
3

Question 29 (6 marks)

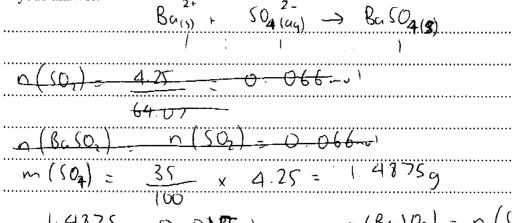
The flowchart shown outlines the process used to determine the amount of sulfate present in a sample of lawn fertiliser.





(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.



 $n(50_4) = \frac{(4875)}{64.07} = 0.0185_{-20} - n(8010_2) = n(50_4) = 0.0185_{-20} - 0.0185_{-20} = 0.0185_{-20}$