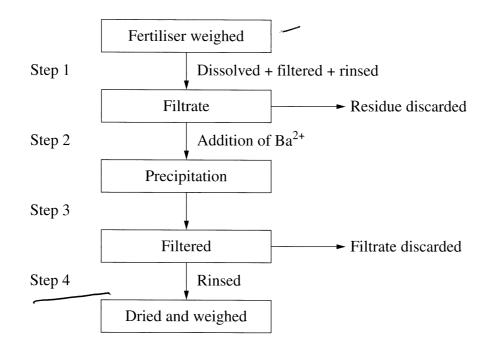
Question 29 (6 marks)

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



What assumptions were made and how do these affect the validity of this process? (a) 3 tions made use that -ould meact of the fer tiliser reacting obrk ofter or altered. This o being mached Julfale this process as it validity reaching and Star in Some nisilt đ sulfate collectul. the Red (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. Scitch = C = H = M = MM of scitche = 32.7 C = 35%i = 0.35 i = mass = 22.7 = 03.642 g

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