Question 29	(10 marks)
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In a beaker 12.00 mL of 0.0334 mol L^{-1} sulfuric acid solution, $H_2SO_4(aq)$, is added to 32.50 mL of 0.0288 mol L^{-1} potassium hydroxide solution, KOH(aq).

Identify the limiting reagent in this reaction. Show all w	orkings. (5 marks
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Calculate the final concentration of the excess reagent. Show all workings.	(3 m
Calculate the pH of the final solution. Show all workings.	(2 m