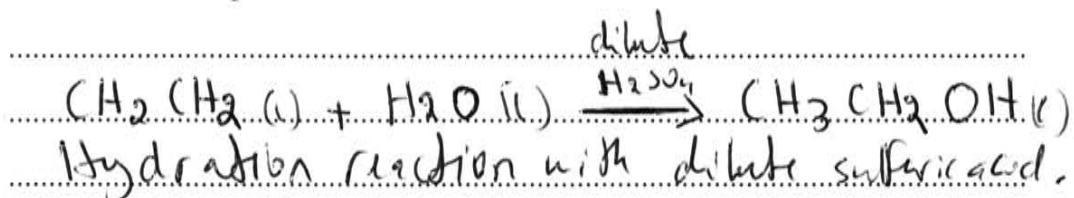


Question 24 (4 marks)

In the margarine industry, alkenes are often hydrogenated to convert unsaturated oils into solid fats that have a greater proportion of saturated molecules.

- (a) Using ethene as an example, write an equation for this reaction and state the type of reaction this represents. 2



- (b) Describe a test that could be used to confirm that all the ethene has been converted. 2

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 The test that could confirm that all ethene
 is been converted is by adding dilute
 H_2SO_4 and if there is any precipitate formed
