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
	dilute	
	(H2 (H2 (1) + H20 (1) H2504 (H3 CH2 OH4)	
	Hydration reaction with dilute sufficienced.	

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

2

The Jest that could confirm that all estine is bun converted is by adding of

2/3 Sandele!