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
	CzHacsit Hzocos (200) CzHsOttwot Hzcys	
	Aprilensation. Nydration.	
(b)	Describe a test that could be used to confirm that all the ethene has been converted.	2
	conc M2504 if any prespitate trus bleats	
	there is shill ethens There.	

3/4 Sauble 2.