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 ethere as an example, write an equation for this reaction and state the type of reaction this represents.
(b) Describe a test that could be used to confirm that all the ethere has been converted.
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(b) Describe a test that could be used to confirm that all the ethere has been to converted.
(c) Blow Brz ego into the reactors assedt. if there take a sample of the unsofurated oils and solid fats and place into a test take. Add 2 docps of brown user and see it any decoloursation occurs. it that is still a brown colour of the Browne there all of the ethere has been will wedergo an addition purchased to be addition we form it addition the browne will wedergo an addition we form the browne will wedergo an addition we form to form it addition to be a form it addition is form it addition it form the browne will wedergo an addition it was the form it addition it form the browne will wedergo an addition it was the form it addition it form it addition it form it addition it form it addition it is a form it addition it is addition it is a form it addition it is addition it is a form it is addition it is addition.

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