

37 What is produced by the bacterial oxidation of ethanol?

- A** ethene
- B** sodium ethanoate
- C** ethyl ethanoate
- D** vinegar

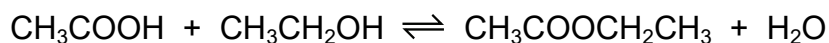
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38 Which statement about ethanoic acid is correct?

- A** Ethanol is reduced by bacteria to produce ethanoic acid.
- B** Ethanoic acid reacts with magnesium to produce a salt of formula CH_3COOMg .
- C** Ethanoic acid and methanol react in the presence of an acid catalyst to produce ethyl methanoate.
- D** Ethanol reacts with acidified aqueous potassium manganate(VII) to produce ethanoic acid.

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14 The equation represents the reaction between ethanoic acid and ethanol.



Which type of reaction does this show?

- A** addition
- B** neutralisation
- C** reduction
- D** reversible