

IGCSE Chemistry (9-1) Specification 4(g)

(g) Esters

Students should:

4.38C know that esters contain the functional group

4.39C know that ethyl ethanoate is the ester produced when ethanol and ethanoic acid react in the presence of an acid catalyst

4.40C understand how to write the structural and displayed formulae of ethyl ethanoate

4.41C understand how to write the structural and displayed formulae of an ester, given the name or formula of the alcohol and carboxylic acid from which it is formed and vice versa

4.42C know that esters are volatile compounds with distinctive smells and are used as food flavourings and in perfumes

4.43C practical: prepare a sample of an ester such as ethyl ethanoate