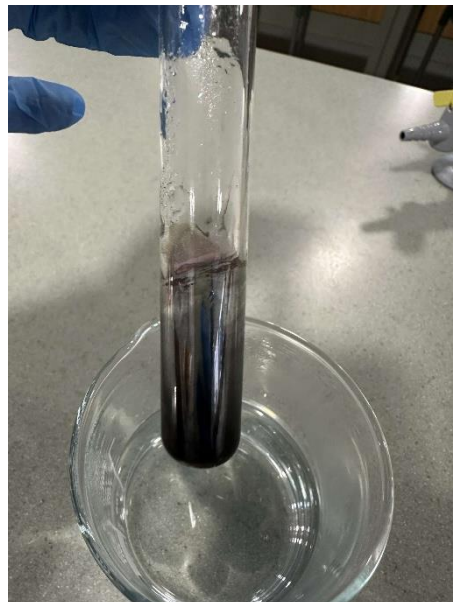


Lower 6 produce aldehydes



Aldehydes play a vital role in everyday life as they are found in perfumes, dyes and medicines. Our Lower 6 students recently explored this in a required practical, successfully producing ethanal from ethanol through a process called distillation.

The experiment involved carefully heating ethanol with an oxidising agent to initiate the transformation while ensuring the product was collected before further reactions could occur. To confirm their success, students conducted a follow-up test, and the results were clear - the aldehyde was produced. The image on the right-hand side showcases a 'silver mirror,' the positive test for an aldehyde.

The next time you catch the scent of a perfume, you might just be experiencing the results of a process our students mastered in the lab.

Mr Ali Bahcaci