



Chemical Analysis

Specification statement	Self-assessment		
	First review 4-7 months before exam	Second review 1-2 months before exam	Final review Week before exam
These are the bits the exam board wants you to know, make sure you can do all of these...			
I can recall the difference between a pure substance and a mixture	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can define the term formulation	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can use the melting point of a substance to determine if it is pure or a mixture	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can give everyday example of formulations	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe how chromatography can be used to identify if a compound is pure or a mixture	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can calculate R_f values	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall the test for hydrogen	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall the test for oxygen	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall the test for carbon dioxide	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall the test for chlorine	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall the colours of the flame test (lithium, sodium, potassium, calcium, copper) Chemistry only	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall the result for testing with sodium hydroxide (aluminium, calcium, magnesium, copper (II), iron (II), iron (III)) Chemistry only	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can write balanced equation for reactions with sodium hydroxide (aluminium, calcium, magnesium, copper (II), iron (II), iron (III)) Chemistry only	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall the test for carbonate ions Chemistry only	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall the test for halide ions Chemistry only	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall the test for sulfate ions Chemistry only	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can give the advantages and disadvantages of using instrumental method to identify ions rather than the ones used in class Chemistry only	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹



I can describe the use of flame emission spectroscopy Chemistry only	😊 😐 😞	😊 😐 😞	😊 😐 😞
I can interpret results of flame test emission spectroscopy Chemistry only	😊 😐 😞	😊 😐 😞	😊 😐 😞