

AQA Trilogy Chemistry Paper 2		Covered in Lesson	Diagnosis			Revised		
C4.8 Chemical analysis			R	A	G	1	2	3
4.8.1 Purity, formulations and chromatograph & 4.8.2 ID of gases	Define a pure substance and identify pure substances and mixtures from data about melting and boiling points							
	Describe a formulation and identify formulations given appropriate information							
	Describe chromatography, including the terms stationary phase and mobile phase and identify pure substances using paper chromatography							
	Explain what the R <sub>f</sub> value of a compound represents, how the R <sub>f</sub> value differs in different solvents and interpret and determine R <sub>f</sub> values from chromatograms							
	<b>Required practical 6:</b> investigate how paper chromatography can be used to separate and tell the difference between coloured substances (inc calculation of R <sub>f</sub> values)							
	Explain how to test for the presence of hydrogen, oxygen, carbon dioxide and chlorine							