

Topic	Student Checklist	R	A	G
5.8.1 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 _f value of a compound represents, how the R _f value differs in different solvents and interpret and determine R _f values from chromatograms			
	Required practical 12: <i>investigate how paper chromatography can be used to separate and tell the difference between coloured substances (inc calculation of R_f values)</i>			
	Explain how to test for the presence of hydrogen, oxygen, carbon dioxide and chlorine			