

Lab Instructor: _____

Name: _____

Part 1 – Flame Tests

Positive ion tested	Color of flame
K^+	
Ba^{2+}	
Ca^{2+}	
Cu^{2+}	
Sr^{2+}	
Na^+	

Test solution	Color of flame	Which positive ion is present?
Purified water		
Tap water		
Saliva		
Urine (optional!)		
A raisin		
Pink liquid soap		
Unknown number:		

Part 2 – Spectroscopic Examination

Use crayons to record the spectrum that you see in each case.

Daylight or a regular light bulb

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