

Observation Table:

<p>NaCl Sodium chloride - green flame around in hoop. 1 orange line</p>	<p>NaNO<sub>3</sub> sodium nitrogen oxide orange flame 1 orange line</p>	<p>Na<sub>2</sub>SO<sub>4</sub> - tiny green flame 1 orange line</p>
<p>MgCl<sub>2</sub> magnesium chloride - blue flame @ bottom surrounded by orange - 1 orange line</p>		<p>MgSO<sub>4</sub> Light orange no lines detected</p>
<p>KCl potassium chloride orange flame 1 orange line</p>	<p>KNO<sub>3</sub> pink lines: purple, red, green</p>	<p>K<sub>2</sub>SO<sub>4</sub> pink lines: purple, orange</p>
<p>CaCl<sub>2</sub> calcium chloride red/orange/green flame 1 orange line - bright 1 green line 1 red line</p>	<p>Ca(NO<sub>3</sub>)<sub>2</sub> red-orange flame - 1 orange line - bright - 1 red line</p>	<p>CaSO<sub>4</sub> calcium sulfur oxide orange flame/green 1 bright orange line 1 faint green line</p>
<p>CuCl<sub>2</sub> copper chloride - blue, green, yellow flame - green splur into blue in the line spectrum</p>	<p>Cu(NO<sub>3</sub>)<sub>2</sub> copper nitrogen oxide - green flame w strong yellow - splur of green and blue lines.</p>	<p>CuSO<sub>4</sub> - greeny - yellow flame - blur of green &amp; blue lines</p>
	<p>Sr(NO<sub>3</sub>)<sub>2</sub> mainly orange w a bit of green/red.</p>	
<p>BaCl<sub>2</sub> barium chloride green/orange flame 1 orange line - bright 1 faint green line</p>	<p>Ba(NO<sub>3</sub>)<sub>2</sub> white lines: green, red</p>	