EXERCISE #9B Catalase Activity with different hydrogen peroxide ($\text{H}_2\text{O}_2$) and variable factors

Effervescence: Numerical values from 0 through 3

no effervescence: 0  moderate effervescence: 1
good effervescence: 2  very good effervescence: 3

Enter values for each test tube

<table>
<thead>
<tr>
<th>Test Tube</th>
<th>Numerical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1R</td>
<td>0</td>
</tr>
<tr>
<td>#2R</td>
<td>2</td>
</tr>
<tr>
<td>#3R</td>
<td>3</td>
</tr>
<tr>
<td>#1S</td>
<td>2</td>
</tr>
<tr>
<td>#2S</td>
<td>0</td>
</tr>
<tr>
<td>#3S</td>
<td>3</td>
</tr>
</tbody>
</table>
Data Values recorded for data analysis

<table>
<thead>
<tr>
<th>Test Tube</th>
<th>Numerical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1R</td>
<td>0</td>
</tr>
<tr>
<td>#2R</td>
<td>2</td>
</tr>
<tr>
<td>#3R</td>
<td>3</td>
</tr>
<tr>
<td>#1S</td>
<td>2</td>
</tr>
<tr>
<td>#2S</td>
<td>0</td>
</tr>
<tr>
<td>#3S</td>
<td>3</td>
</tr>
</tbody>
</table>
Catalase Activity with Hydrogen Peroxide ($H_2O_2$) and Variable Factors

<table>
<thead>
<tr>
<th>Test Tube Number</th>
<th>Effervescence Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1R</td>
<td>0.04</td>
</tr>
<tr>
<td>#2R</td>
<td>2.04</td>
</tr>
<tr>
<td>#3R</td>
<td>3.04</td>
</tr>
<tr>
<td>#1S</td>
<td>2.04</td>
</tr>
<tr>
<td>#2S</td>
<td>3.04</td>
</tr>
<tr>
<td>#3S</td>
<td>3.5</td>
</tr>
</tbody>
</table>
### Catalase Activity with Hydrogen Peroxide ($H_2O_2$) and Variable Factors

<table>
<thead>
<tr>
<th>Test Tube Number</th>
<th>Effervescence Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1R</td>
<td>0.5</td>
</tr>
<tr>
<td>#2R</td>
<td>2</td>
</tr>
<tr>
<td>#3R</td>
<td>3.5</td>
</tr>
<tr>
<td>#1S</td>
<td>1</td>
</tr>
<tr>
<td>#2S</td>
<td>0</td>
</tr>
<tr>
<td>#3S</td>
<td>3.5</td>
</tr>
</tbody>
</table>

**Graph:**
- X-axis: Test Tube Number
- Y-axis: Effervescence Value
- Data points for #1R, #2R, #3R, #1S, #2S, #3S
- Graph shows a peak at #2R and #3S with intermediate values at #3R and #1S.