Table 5 Larvicidal effect of the bioactive formulation of *B. cereus* against *Cx. quinquefasciatus* larvae

<table>
<thead>
<tr>
<th>Instar</th>
<th>Hours</th>
<th>LC$_{50}$ (mg/dl)</th>
<th>LC$_{90}$ (mg/dl)</th>
<th>Regression equation</th>
<th>R$^2$ value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>24h</td>
<td>0.45</td>
<td>1.53</td>
<td>Y = 35.09x + 32.99</td>
<td>0.98</td>
</tr>
<tr>
<td></td>
<td>48h</td>
<td>0.42</td>
<td>1.39</td>
<td>Y = 34.17x + 36.04</td>
<td>0.97</td>
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<tr>
<td></td>
<td>72h</td>
<td>0.39</td>
<td>1.23</td>
<td>Y = 33.47x + 38.91</td>
<td>0.96</td>
</tr>
<tr>
<td>2nd</td>
<td>24h</td>
<td>0.53</td>
<td>1.78</td>
<td>Y = 35.85x + 25.80</td>
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<tr>
<td></td>
<td>48h</td>
<td>0.49</td>
<td>1.70</td>
<td>Y = 36.43x + 27.98</td>
<td>0.99</td>
</tr>
<tr>
<td></td>
<td>72h</td>
<td>0.48</td>
<td>1.66</td>
<td>Y = 36.27x + 29.55</td>
<td>0.99</td>
</tr>
<tr>
<td>3rd</td>
<td>24h</td>
<td>0.65</td>
<td>1.88</td>
<td>Y = 38.28x + 17.75</td>
<td>0.99</td>
</tr>
<tr>
<td></td>
<td>48h</td>
<td>0.62</td>
<td>1.84</td>
<td>Y = 38.52x + 19.11</td>
<td>0.99</td>
</tr>
<tr>
<td></td>
<td>72h</td>
<td>0.58</td>
<td>1.75</td>
<td>Y = 39.88x + 20.13</td>
<td>0.98</td>
</tr>
<tr>
<td>4th</td>
<td>24h</td>
<td>0.76</td>
<td>1.93</td>
<td>Y = 41.56x + 9.74</td>
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</tr>
<tr>
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<td>48h</td>
<td>0.71</td>
<td>1.87</td>
<td>Y = 41.87x + 11.68</td>
<td>0.99</td>
</tr>
<tr>
<td></td>
<td>72h</td>
<td>0.64</td>
<td>1.74</td>
<td>Y = 43.94x + 13.26</td>
<td>0.99</td>
</tr>
</tbody>
</table>