|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Saline** | **amiloride** | **Wash Saline** | **ruthenium red** | **Wash Saline** | ? |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 |
| 1 | 5 |  |  |  | 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | - |  |  |  | - |  |  |  | - |  |  |  | - |  |  |  | - |  |  |  | - |  |  |  |
| 3 | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  |
| 4 | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  |
| 5 | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 6 | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 7 | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 8 | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |

Crayfish/Crab (one table for crab above, one table for crayfish below Recall ½ sec bins. The red text are samples for the calculation

). I think most crayfish were stationary preps so pick a time during the trial to show if there is an effect or not….with the compunds.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| 1 sec |  |  |  |  |  |  |
| 2 sec |  |  |  |  |  |  |
| 3 sec |  |  |  |  |  |  |
| 4 sec |  |  |  |  |  |  |
| 5 sec |  |  |  |  |  |  |
| 6 sec |  |  |  |  |  |  |
| 7 sec |  |  |  |  |  |  |
| 8 sec |  |  |  |  |  |  |
| 9 sec |  |  |  |  |  |  |
| 10 sec |  |  |  |  |  |  |
|  Etc… |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Saline** | **amiloride** | **Wash Saline** | **ruthenium red** | **Wash Saline** | **?**  |

**% changes** from condition before for the same movement rate ½, 1,2, 4 (say above 5 counts for ½ sec in saline and 15 counts in ½ sec for **amiloride**) ((15-5)/5) \*100= 200% increase

You could the 2nd saline and see % change from 1st saline, as well as 3rd saline from 2nd saline

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Saline** | **amiloride** | **wash** | **ruthenium red** | **Wash Saline** | **?**  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 |
| 1 | - | - | - | - | 200 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | - | - | - | - | - |  |  |  | - |  |  |  | - |  |  |  | - |  |  |  | - |  |  |  |
| 3 | - | - | - | - | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  |
| 4 | - | - | - | - | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  |
| 5 | - | - | - | - | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 6 | - | - | - | - | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 7 | - | - | - | - | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 8 | - | - | - | - | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Saline** | **amiloride** | **wash** | **ruthenium red** | **Wash Saline** | **?**  |

 **% changes** from condition before and after for crayfish MRO

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| 1 sec |  |  |  |  |  |  |
| 2 sec |  |  |  |  |  |  |
| 3 sec |  |  |  |  |  |  |
| 4 sec |  |  |  |  |  |  |
| 5 sec |  |  |  |  |  |  |
| 6 sec |  |  |  |  |  |  |
| 7 sec |  |  |  |  |  |  |
| 8 sec |  |  |  |  |  |  |
| 9 sec |  |  |  |  |  |  |
| 10 sec |  |  |  |  |  |  |
|  Etc… |  |  |  |  |  |  |