

## Test fytotoxicity

| iont<br>koncentrace [uM]<br>opakovani | RL [mm]       |               |               |               |               |              |               |  |
|---------------------------------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|--|
|                                       | Al            | Al            | Al            | Cu            | Cu            | Cu           | Zn            |  |
|                                       | 1             | 10            | 100           | 1             | 10            | 100          | 1             |  |
| 1                                     | 51            | 59            | 21            | 30            | 29            | 4            | 41            |  |
| 1                                     | 3             | 7             | 26            | 30            | 29            | 4.5          | 42            |  |
| 1                                     | 31            | 43            | 10            | 25            | 25            | 5            | 22            |  |
| 1                                     | 20            | 57            | 17            | 20            | 7             | 2.5          | 44            |  |
| 1                                     | 53            | 47            | 13            | 40            | 20            | 3            | 37            |  |
| 1                                     | 22            | 55            | 20            | 35            | 17            | 10           | 42            |  |
| 1                                     | 61            | 8             | 13            |               | 25            | 8            | 14            |  |
| 1                                     | 51            | 54            | 18            |               | 33            | 14           |               |  |
| 1                                     |               | 46            | 23            |               |               | 3            |               |  |
| 1                                     |               |               | 11            |               |               |              |               |  |
| 2                                     |               | 31            | 15            | 41            | 19            | 4            | 41            |  |
| 2                                     | 33            | 39            | 14            | 46            | 35            | 2            | 9             |  |
| 2                                     | 33            | 54            | 17            | 38            | 10            | 13           | 63            |  |
| 2                                     | 54            | 54            | 13            | 42            | 16            | 4            | 46            |  |
| 2                                     | 50            | 47            | 22            | 2             | 21            | 2            | 31            |  |
| 2                                     | 46            | 40            | 18            | 44            | 20            | 2            | 43            |  |
| 2                                     | 45            | 44            | 15            | 43            | 24            | 1            | 18            |  |
| 2                                     | 49            | 26            | 6             |               | 13            |              | 47            |  |
| 2                                     | 57            | 43            | 28            |               | 10            |              | 50            |  |
| 2                                     | 30            |               |               |               |               |              |               |  |
| 3                                     | 42            | 55            | 21            | 42            | 30            | 14           | 43            |  |
| 3                                     | 55            | 29            | 22            | 51            | 24            | 8            | 46            |  |
| 3                                     | 33            | 34            | 21            | 54            | 22            | 13           | 39            |  |
| 3                                     | 42            | 40            | 13            | 48            | 27            | 4            | 45            |  |
| 3                                     | 41            | 50            | 17            | 56            | 30            | 3            | 42            |  |
| 3                                     | 50            | 50            | 18            |               | 23            | 2            | 30            |  |
| 3                                     | 11            | 45            | 25            |               | 31            | 4            | 29            |  |
| 3                                     | 51            | 57            | 17            |               | 25            | 5            | 49            |  |
| 3                                     | 19            | 41            | 7             |               | 25            |              | 24            |  |
| 3                                     |               |               | 36            |               |               |              |               |  |
| <b>Průměr</b>                         | <b>39.731</b> | <b>42.778</b> | <b>17.828</b> | <b>38.167</b> | <b>22.692</b> | <b>5.625</b> | <b>37.480</b> |  |
| <b>SMODCH</b>                         | <b>14.852</b> | <b>13.209</b> | <b>6.270</b>  | <b>12.790</b> | <b>7.146</b>  | <b>4.078</b> | <b>12.261</b> |  |

| Zn | Zn  | Kontrola |
|----|-----|----------|
| 10 | 100 |          |
| 55 | 36  | 51       |
| 45 | 33  | 30       |
| 50 | 33  | 13       |
| 5  | 46  | 52       |
| 45 | 43  | 21       |
| 43 | 29  | 32       |
| 54 | 7   | 9        |
| 31 | 40  |          |
| 3  | 16  |          |
| 22 | 5   |          |
| 15 | 27  | 32       |
| 35 | 29  | 58       |
| 30 | 48  | 51       |
| 35 | 31  | 30       |
| 40 | 43  | 31       |
|    | 45  | 53       |
|    | 40  | 7        |
|    | 33  | 50       |
|    |     | 50       |
|    |     | 55       |
| 60 | 42  | 10       |
| 45 | 44  | 35       |
| 40 | 20  | 37       |
| 50 | 26  | 28       |
| 40 | 30  | 49       |
| 50 | 12  | 40       |
| 45 | 27  | 51       |
| 20 | 28  | 44       |
| 5  | 30  |          |
| 5  |     |          |

|               |               |               |
|---------------|---------------|---------------|
| <b>34.720</b> | <b>31.222</b> | <b>36.760</b> |
| <b>16.920</b> | <b>11.419</b> | <b>15.345</b> |

|          | Průměr   | SMODCH   |
|----------|----------|----------|
| Kontrola | 36.76    | 15.34478 |
| Al 1     | 39.73077 | 14.85198 |
| Al 10    | 42.77778 | 13.20868 |
| Al 100   | 17.82759 | 6.270176 |
| Cu 1     | 38.16667 | 12.78997 |
| Cu 10    | 22.69231 | 7.14557  |
| Cu 100   | 5.625    | 4.078015 |
| Zn 1     | 37.48    | 12.2609  |
| Zn 10    | 34.72    | 16.91986 |
| Zn 100   | 31.22222 | 11.41907 |



