**Table 4.** Total flavonoids in different tissues of micropropagated *S. rebaudiana* plants cultivated on media at three pH levels (4.6, 5.8 and 7.4) and supplemented with different concentrations of GA3, GA3+BA or IAA+BA.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | pH | Control | 1.0 GA3 | 0.5 GA3+1.0 BA | 0.5 IAA+1.0 BA |
|  | 4.6 | 35.0 (0.4) ef | 30.3 (3.8) fg | 58.4 (1.5) b | 62.4 (1.3) b |
| Leaf | 5.8 | 25.7 (1.2) hi | 46.7 (1.7) d | 46.3 (1.9) d | 38.2 (0.2) ef |
|  | 7.4 | 24.8 (1.4) hij | 16.6 (1.0) k | 56.5 (5.5) bc | 27.7 (1.5) gh |
|  |  |  |  |  |  |
|  | 4.6 | - | 30.5 (3.9) fg | 28.1 (2.8) gh | 37.9 (3.7) e |
| Callus | 5.8 | - | 48.8 (0.8) cd | 38.1 (2.2) e | 68.2 (4.0) a |
|  | 7.4 | - | 33.7 (3.8) fg | 56.5 (5.2) b | 70.4 (1.9) a |
|  |  |  |  |  |  |
|  | 4.6 | 24.3 (2.3) hi | 18.1 (1.6) jk | - | - |
| Root | 5.8 | 17.5 (0.8) jk | 25.3 (0.7) hi | - | - |
|  | 7.4 | 18.0 (2.2) jk | 12.9 (1.6) k | - | - |
|  |  |  |  |  |  |

Values represent mean ± SD (parenthesis) of 4 replicates. Different letters indicate significant difference at

 p < 0.05.