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| **Table S12** polysaccharide contents of leaves in *D. officinale* under different light treatments | | | | | | | | |  |
| Light treatments | Light intensity (µmol·m-2·s-1) | Photoperiod (h) | polysaccharide contents 1  (mg·g -1DW) | polysaccharide contents 2  (mg·g -1 DW) | polysaccharide contents 3  (mg·g -1 DW) | Average polysaccharide  contents  (mg·g -1 DW) | Standard deviation | Duncan (5%) | Duncan (1%) |
| White | 100 | 12 | 154.26 | 148.67 | 151.06 | 151.33 | 2.81 | c | C |
| Blue | 100 | 12 | 176.36 | 171.03 | 169.17 | 172.19 | 3.73 | b | B |
| Blue Laser | 100 | 12 | 189.40 | 181.95 | 187.81 | 186.39 | 3.92 | a | A |