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| **Table S13** polysaccharide contents of stems 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 | 92.04 | 90.44 | 90.71 | 91.06 | 0.86 | b | B |
| Blue | 100 | 12 | 137.30 | 133.17 | 138.10 | 136.19 | 2.64 | a | A |
| Blue Laser | 100 | 12 | 141.96 | 136.63 | 140.36 | 139.65 | 2.73 | a | A |