Operation regimes: a comparison based on *Nannochloropsis oceanica* biomass and lipid productivity

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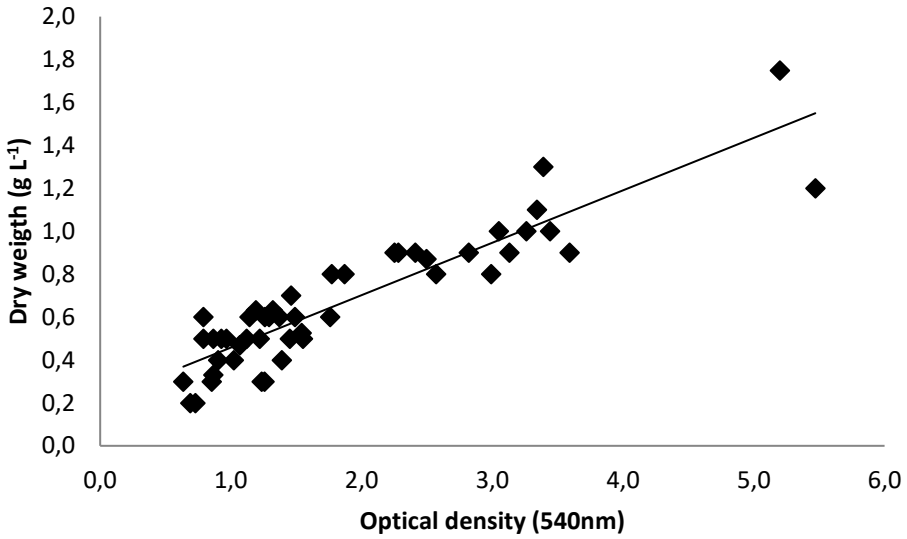

Figure S1 - Correlation between the optical density at 540 nm and the dry weight of an autotrophic culture of *Nannochloropsis oceanica*. The linear regression is given by the equation $DW = 0.244\ OD_{540nm} + 0.214$ with R^2=0.822 and n=48.

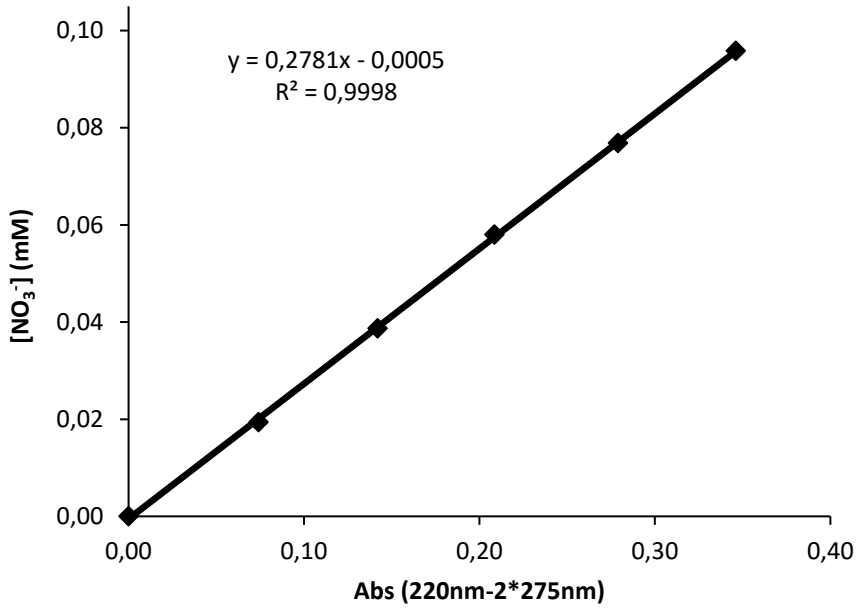

Figure S2 - Correlation between the difference of the optical density at 220 nm and two times the optical density at 275 nm and sodium nitrate concentration in mM. The linear regression is given by the equation $[NO_3^-] = 0.2781\ OD + 0.0005$, with R^2=0.9998 and n=6.

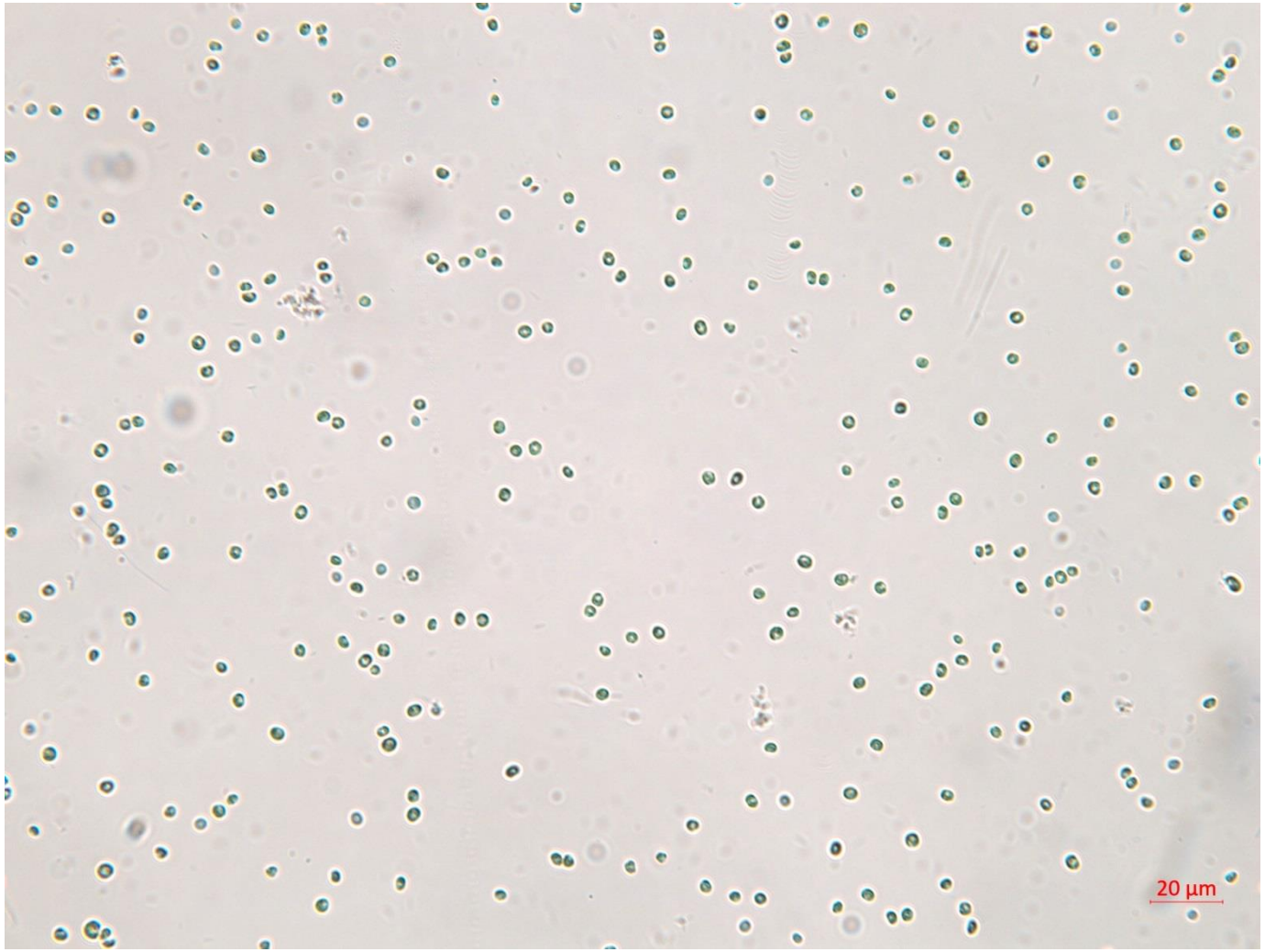

Figure S3 - Microscopic picture (400×) of *N. oceanica* grown in Allmicroalgae's pilot-scale horizontal tubular photobioreactors.