

Supplementary Table S7. Effect of light spectra and nitrogen source on phycoerythrin concentration of *Limnospira maxima* grown in white, red, blue, and yellow light spectra, supplemented with NaNO₃, KNO₃, plus control (WN). Values followed by capital letter denote significant effect between N source in the same light spectra and small letter denote significance between light spectra in the same nitrogen source. All value represents media (\pm SD), followed by SNK statistical test.

Light spectra	N source	0	3	6	9	12	15	18	21	24	27
White	NaNO ₃	17.38 Ac	28.83 Ab	35.71 Ab	39.89 Bb	50.96 Ab	55.59 Ab	64.85 Aa	64.72 Ab	78.98 Ab	80.60 Ab
	KNO ₃	9.81 Cc	17.98 Bc	24.28 Bc	28.14 Cc	33.86 Cb	37.11 Cc	43.00 Cc	49.14 Cc	50.35 Bb	56.60 Bb
	WN	12.94 Bc	27.12 Ab	36.29 Ab	42.49 Ab	49.48 Ba	51.11 Ba	60.87 Ba	57.03 Ba	53.42 Bb	49.64 Cc
Red	NaNO ₃	25.75 Ab	32.41 Aa	41.90 Aa	47.54 Aa	56.74 Aa	55.66 Aa	68.82 Aa	80.52 Aa	81.51 Aa	86.68 Aa
	KNO ₃	13.55 Bb	19.80 Cbc	25.73 Cc	31.02 Cb	34.17 Cb	39.50 Cc	43.21 Cc	48.48 Cc	51.72 Cb	58.02 Bb
	WN	16.11 Bb	26.61 Bb	36.04 Bb	41.90 Bb	45.75 Ba	49.31 Ba	54.47 Bc	55.40 Ba	62.14 Ba	60.44 Ba
Blue	NaNO ₃	31.28 Aa	34.12 Aa	37.00 Ab	39.65 Bb	45.80 Ac	40.58 Cc	49.73 Bb	52.33 Bc	60.97 Ac	61.91 Ac
	KNO ₃	24.55 Ba	31.28 Aa	34.92 Aa	39.28 Ba	45.65 Aa	47.58 Bb	49.89 Bb	56.52 Ab	54.09 Bb	60.93 Bb
	WN	26.97 Ba	33.26 Aa	39.82 Aa	46.16 Aa	50.03 Aa	51.15 Aa	57.45 Ac	48.51 Cb	61.53 Aa	59.93 Ba
Yellow	NaNO ₃	11.54 Ad	16.55 Cc	23.94 Bc	26.36 Cc	30.90 Bd	32.70 Cd	39.92 Bc	39.15 Cd	48.67 Cd	53.02 Bd
	KNO ₃	13.63 Ab	22.53 Bb	32.44 Ab	38.29 Ba	48.42 Aa	51.70 Aa	56.02 Aa	67.97 Aa	75.39 Aa	76.62 Aa
	WN	13.65 Ac	26.29 Ab	33.84 Ab	39.78 Ac	46.24 Aa	51.03 Ba	59.49 Ab	56.86 Ba	55.39 Bb	53.43 Bb