

Supplementary Table S6. Effect of light spectra and nitrogen source on allophycocyanin concentration of *Limnospira maxima* grown in white, red, blue, and yellow light spectra, supplemented with NaNO₃, KNO₃, plus control (WN). Values followed by capital letters denote significant effects between N sources in the same light spectra, and small letters denote significance between light spectra in the same nitrogen source. All values represent means (\pm SD), followed by SNK statistical test.

Light spectra	N source	0	3	6	9	12	15	18	21	24	27
White	NaNO ₃	34.58 Ab	57.31 Ab	71.08 Ab	79.40 Bb	101.43 Bb	110.64 Ab	129.07 Ab	128.80 Ab	157.19 Ab	160.40 Ab
	KNO ₃	23.13 Bc	42.38 Bb	57.22 Bc	66.32 Cb	79.81 Cb	87.45 Bc	101.34 Bc	115.80 Ab	118.66 Bc	133.39 Bc
	WN	28.73 Bc	60.20 Ab	80.55 Ab	94.31 Ab	109.84 Ab	113.44 Ab	135.12 Ab	126.59 Ab	118.57 Bc	110.20 Cc
Red	NaNO ₃	61.24 Aa	77.08 Aa	99.63 Aa	113.05 Aa	134.93 Aa	132.36 Aa	163.66 Aa	191.49 Aa	193.83 Aa	206.12 Aa
	KNO ₃	33.60 Bb	49.10 Cb	63.81 Cb	76.93 Ca	84.73 Cb	97.95 Bb	107.15 Bab	120.22 Bb	128.27 Bb	143.87 Bb
	WN	33.34 Bbc	55.08 Bb	74.59 Bb	86.72 Bbc	94.69 Bc	102.08 Bc	112.74 Bc	114.68 Bc	128.62 Bb	125.11 Cb
Blue	NaNO ₃	64.59 Ba	70.45 Ba	76.40 Bb	81.86 Bb	94.56 Bc	83.79 Cc	102.67 Bc	108.05 Bc	125.89 Bd	127.81 Bc
	KNO ₃	50.69 Ca	64.58 Ba	72.09 Ba	81.10 Ba	94.25 Ba	98.23 Bb	102.96 Bb	116.70 Bb	111.67 Cc	127.81 Bc
	WN	74.59 Aa	92.00 Aa	110.14 Aa	127.67 Aa	138.36 Aa	141.48 Aa	158.90 Aa	134.16 Aa	170.19 Aa	165.75 Aa
Yellow	NaNO ₃	30.03 Ab	43.04 Bc	62.28 Ac	68.58 Bc	80.39 Bd	85.06 Bc	103.85 Cc	101.85 Cd	126.60 Bc	137.91 Bc
	KNO ₃	27.19 Ac	44.96 Bb	64.74 Aab	76.40 Aa	96.61 Aa	103.15 Aa	111.78 Ba	135.62 Aa	150.43 Aa	152.88 Aa
	WN	28.76 Ac	55.41 Ab	71.32 Ab	83.85 Ac	97.45 Ac	107.54 Ac	125.37 Ab	119.83 Bbc	116.74 Bc	112.61 Cc