

Supplementary Table S8. Effect of light spectra and nitrogen source on soluble proteins concentration of *Limnospira maxima* grown in white, red, blue, and yellow light spectra, supplemented with NaNO₃, KNO₃, plus control (WN). Values followed by a capital letter denote a significant effect between N source in the same light spectra, and a small letter denotes significance between light spectra in the same nitrogen source. All values represent the mean (\pm SD), followed by the SNK statistical test.

Light spectra	N source	0	3	6	9	12	15	18	21	24	27
White	NaNO ₃	26.45 Ab	43.87 Ba	54.36 Ba	60.72 Ba	77.57 Ba	84.62 Ba	98.71 Ba	98.50 Ba	120.22 Aa	122.67 Aa
	KNO ₃	17.47 Bb	32.01 Cb	43.22 Cb	50.10 Cb	60.28 Cb	66.05 Cb	76.54 Cb	87.46 Cb	89.62 Bb	100.75 Cb
	WN	28.44 Ab	59.58 Ab	79.73 Ab	93.35 Ab	108.72 Ab	112.29 Ab	133.74 Ab	125.30 Ab	117.36 Ab	109.07 Bb
Red	NaNO ₃	31.06 Ab	39.09 Aa	50.52 Aa	57.33 Aa	68.42 Ab	67.12 Ab	83.00 Ab	97.11 Aa	98.30 Ab	104.53 Ab
	KNO ₃	22.32 Ba	32.62 Bb	42.39 Bb	51.11 Ab	56.29 Bc	65.08 Ab	71.19 Bc	79.87 Bc	85.22 Bb	95.58 Bb
	WN	21.30 Bc	35.19 Bd	47.65 Ac	55.40 Ac	60.49 Bc	65.20 Ac	72.02 Bc	73.25 Bc	82.16 Bc	79.91 Cc
Blue	NaNO ₃	36.38 Aa	39.68 Aa	43.03 Bb	46.11 Bb	53.26 Bc	47.19 Cc	57.83 Bc	60.86 Bc	70.90 Ac	71.99 Ac
	KNO ₃	28.55 Ba	36.37 Ab	40.60 Bb	45.68 Bc	53.09 Bc	55.32 Bc	57.99 Bd	65.73 Ad	62.89 Cc	72.03 Ac
	WN	33.92 Ab	41.84 Ac	50.09 Ac	58.06 Ac	62.93 Ac	64.34 Ac	72.26 Ac	61.01 Bd	77.40 Ad	75.38 Ac
Yellow	NaNO ₃	23.52 Bb	33.72 Cb	48.79 Ca	53.72 Cb	62.97 Cb	66.64 Cb	81.35 Cb	79.79 Cb	99.17 Cb	108.04 Cb
	KNO ₃	25.30 Ba	41.83 Ba	60.23 Ba	71.09 Ba	89.89 Ba	95.98 Ba	104.01 Ba	126.19 Ba	139.97 Ba	142.24 Ba
	WN	39.04 Aa	75.22 Aa	96.81 Aa	113.82 Aa	132.29 Aa	145.98 Aa	170.18 Aa	162.67 Aa	158.46 Aa	152.86 Aa