

Supporting Information for

Cultivation of *Chlorella* sp. HQ in inland saline-alkaline water under different light qualities

Running title: Cultivation of *Chlorella* in saline-alkaline water under various light qualities

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Table S1 The composition of selenite enrichment (SE) medium

Components	Concentration (mg/L)	Components	Concentration (mg/L)
NaNO ₃	250	FeCl ₃	0.81
K ₂ HPO ₄ ·3H ₂ O	75	Na ₂ EDTA	10
MgSO ₄ ·7H ₂ O	75	H ₃ BO ₃	2.86
CaCl ₂ ·2H ₂ O	25	MnCl ₂ ·4H ₂ O	1.81
KH ₂ PO ₄	175	ZnSO ₄ ·H ₂ O	0.22
NaCl	25	CuSO ₄ ·5H ₂ O	0.079
FeCl ₃ ·6H ₂ O	5	(NH ₄) ₆ Mo ₇ O ₂₄ ·4H ₂ O	0.039

Table S2 Basic composition of the saline-alkaline water

Composition	Concentration (mg/L)
K ⁺	383.00
Ca ²⁺	766.17
Na ⁺	2720.80
Mg ²⁺	179.94
SO ₄ ²⁻	132.69
Cl ⁻	632.37
NO ₃ ⁻	1669.71

Note: The measured saline-alkaline water is the effluent after leaching the saline-alkaline soil with reclaimed water