

Supplementary Table S1 Composition of Bold's Basal Medium (BBM)

Component	Stock Solution (g/L)	Quantity Used
Macronutrients		
NaNO ₃	25	10 mL
CaCl ₂ .2H ₂ O	2.5	10 mL
MgSO ₄ .7H ₂ O	7.5	10 mL
K ₂ HPO ₄	7.5	10 mL
KH ₂ PO ₄	17.5	10 mL
NaCl	2.5	10 mL
Alkaline EDTA Solution		1 mL
EDTA (with 31 g KOH)	50	
Acidified Iron Solution		1 mL
FeSO ₄ .7H ₂ O (with 1 mL H ₂ SO ₄)	4.98	
Boron Solution		1 mL
H ₃ BO ₃	11.42	
Trace elements solution		1 mL
ZnSO ₄ .7H ₂ O	8.82	
MnCl ₂ .4H ₂ O	1.44	
CuSO ₄ .5H ₂ O	1.57	
Co(NO ₃) ₂ .6H ₂ O	0.49	
Total		64 mL

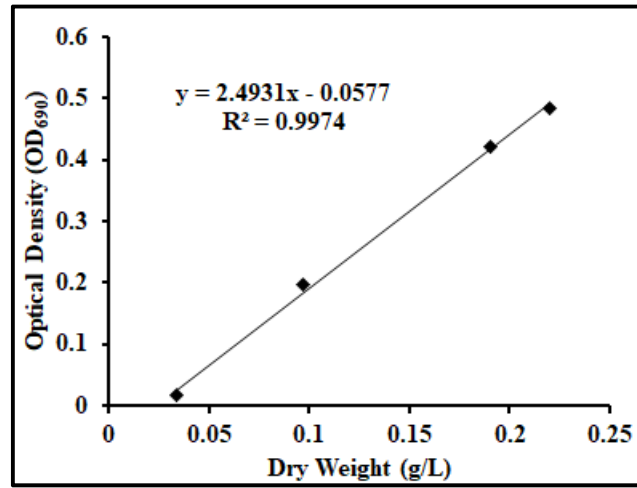


Figure S-1. Calibration curve for microalgae sp. *Chlorella kessleri* in BBM at 25 °C in a batch photo bioreactor.