

Table S1 Steinberg medium pH 5.5 ± 0.2 (adjusted by addition of a minimised volume of NaOH solution or HCl at < 1 mol/L).

Substance		Nutrient medium	
Macroelements	MW [g/mol]	c [mg/L]	c [mmol/L]
KNO ₃	101	350	3.46
Ca(NO ₃) ₂ · 4H ₂ O	236	295	1.25
KH ₂ PO ₄	136	90.0	0.66
K ₂ HPO ₄	174	12.6	0.072
MgSO ₄ · 7H ₂ O	246	100	0.41
Microelements	MW [g/mol]	c [µg/L]	c [µmol/L]
H ₃ BO ₃	61.8	120	1.94
ZnSO ₄ · 7H ₂ O	287	180	0.63
Na ₂ MoO ₄ · 2H ₂ O	242	44.0	0.18
MnCl ₂ · 4H ₂ O	198	180	0.91
FeCl ₃ · 6H ₂ O	270	760	2.81
EDTA Disodium- dihydrate	372	1 500	4.03