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BG11 hypersaline medium

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1 MEDIUM

BG11 hypersaline medium	amount	unit
initial water	968	ml
NaCl	49.8	g
NaNO3	1.5	g
NaCO3	0.02	g
KCl	1.3867	g
MgCl2*6H2O	8.569	g
MgSO4*7H2O	6.4998	g
CaCl2*2H2O	2.042	g
Stock A	10	ml
Stock B	10	ml
Stock C	10	ml
Stock 5 (trace metals)	1	ml
Vitamins	1	ml

Total volume: 1 Liter

2 Filter sterilize near Bunsen burner.

3 STOCK SOLUTIONS

Stock solutions	
Stock A	Concentration (g/L)
Na ₂ Mg EDTA	0.1
Ferric ammonium citrate	0.6
Citric acid*1H ₂ O	0.6
CaCl ₂ *2H ₂ O	3.6
Add up to 1L of dH ₂ O	

Stock B	Concentration (g/L)
MgSO ₄ *7H ₂ O	7.5
Add up to 1L of dH ₂ O	

Stock C	Concentration (g/L)
K ₂ HPO ₄ *3H ₂ O	4
Add up to 1L of dH ₂ O	

Stock 5	Concentration (g/L)
H ₃ BO ₃	2.86
MnCl ₂ *4H ₂ O	1.81
ZnSO ₄ *7H ₂ O	0.222
CuSO ₄ *5H ₂ O	0.079
CoCl ₂ *6H ₂ O	0.05
NaMoO ₄ *2H ₂ O	0.391
Add up to 1L of dH ₂ O	