

1593. Cyanobacteria Medium BG11+

Minerals	Volume [mL/L]	Stock Solutions [g/L]
MgSO ₄ x 7H ₂ O	10	7.5
CaCl ₂ x 2H ₂ O	10	3.6
Na ₃ -citrate x 2H ₂ O	10	0.6
Na ₂ -EDTA x 2H ₂ O	10	0.1
Trace metal mix	1,0	-

Adjust to 1000mL with H₂O dist. and autoclave.

After cooling, add the following filter components

Minerals	Volume [mL/L]	Stock Solutions [g/L]
NaNO ₃	5,0	300
BG11-Mix	2,0	-
Vitamine B12	1.0	0.02

		[g/L]
BG11-Mix	K ₂ HPO ₄ x 3H ₂ O	20
-	Na ₂ CO ₃	10
-	Fe-NH ₄ -citrate	3

		[g/L]	[ml/L]	
Trace metal Mix	H ₃ BO ₃	2.9	<-	
	MnCl ₂ x 4H ₂ O	1.81	<-	
	ZnSO ₄ x 7H ₂ O	0.22	<-	
	Na ₂ MoO ₄ x 2H ₂ O	0.39	<-	
	CuSO ₄ x 5H ₂ O	->	10 ml	0.8g/100mL Stock Sol.
	Co(NO ₃) ₂ x 6 H ₂ O	->	10 ml	0.5g/100mL Stock Sol.