

1674. Cyanobacteria Medium BG11- Cu

	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 -Cu	1.0	-

Adjust to 1000mL with H₂O dist. and autoclave.

After cooling, add the following filter components

	Volume [mL/L]	Stock Solutions [g/L]
BG11-Mix	2.0	-
Vitamine B12	1.0	0.02

BG11-CU Stock Solutions

	[g/L]	
BG11-Mix	K ₂ HPO ₄ x 3H ₂ O	20
-	Na ₂ CO ₃	10
-	Fe-NH ₄ -citrate	3.0

	[g/L]	[ml/L]		
Trace metal Mix -Cu	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	<-	
	CuSO₄ x 5H₂O	-	-	-
	Co(NO ₃) ₂ x 6H ₂ O	->	10 ml	0.5g/100mL Stock Sol.