

## 1674. Cyanobacteria Medium BG11- Cu

	Volume [ml/l]	Stock Solutions [g/l]
Mg(SO <sub>4</sub> ) x 7H <sub>2</sub> O	10	7.5
CaCl <sub>2</sub> x 2H <sub>2</sub> O	10	3.6
Na <sub>3</sub> -citrate x 2H <sub>2</sub> O	10	0.6
Na <sub>2</sub> -EDTA x 2H <sub>2</sub> O	10	0.1
Trace metal mix <b>-Cu</b>	1.0	-

Adjust to 1000ml with H<sub>2</sub>O 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]	
<b>BG11-Mix</b>	K <sub>2</sub> HPO <sub>4</sub> x 3H <sub>2</sub> O	20
-	Na <sub>2</sub> CO <sub>3</sub>	10
-	Fe-NH <sub>4</sub> -citrate	3.0

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