

# Cyanophycean Medium Recipe

## Directions

Suitable for blue-green algae.

For 1 L Total

1. To approximately 975 mL of dH<sub>2</sub>O add each of the components in the order specified while stirring continuously.

2. Bring the total volume to 1 L with dH<sub>2</sub>O.

\*For 1.5% agar medium add 15 g of agar into the flask; do not mix.

3. Cover and autoclave medium.

4. Store at refrigerator temperature.

#	Component	Amount	Stock Solution Concentration	Final Concentration
1	<a href="#">P-IV Metal Solution</a>	6 mL/L		
2	KNO <sub>3</sub> (Baker 3190)	5 g/L		50 mM
3	K <sub>2</sub> HPO <sub>4</sub> (Sigma P 3786)	0.05 g/L		0.29 mM
4	MgSO <sub>4</sub> ·7H <sub>2</sub> O (Sigma 230391)	0.05 g/L		0.2 mM