

# Macro Component 2 for J medium Recipe

## Directions

For 1 L Total

1. To approximately 850 mL of dH<sub>2</sub>O, add the following components in the order listed while stirring continuously.
2. Adjust the pH to 7.5.
3. Bring the total volume to 1 L with dH<sub>2</sub>O.
4. Store at refrigerator temperature.

#	Component	Amount	Stock Solution Concentration	Final Concentration
1	Na <sub>2</sub> EDTA·2H <sub>2</sub> O (Sigma ED255)	4.4 g/L		0.12 mM
2	MgSO <sub>4</sub> ·7H <sub>2</sub> O (Sigma 230391)	10 g/L		0.41 mM
3	MgCl <sub>2</sub> ·6H <sub>2</sub> O (Fisher M 33)	5 g/L		0.24 mM
4	FeCl <sub>3</sub> ·6H <sub>2</sub> O (Sigma F-1513)	0.5 g/L		0.02 mM