

Macro Component 1 for J Medium Recipe

Directions

For 1 L Total

1. To approximately 900 mL of dH₂O, add the following components in the order listed while stirring continuously.
2. Adjust the pH 8.5 to 8.8.
3. Bring the total volume to 1 L with dH₂O.
4. Store at refrigerator temperature.

#	Component	Amount	Stock Solution Concentration	Final Concentration
1	NaNO ₃ (Fisher BP360-500)	67 g/L		7.9 mM
2	Na ₂ HPO ₄ (Sigma S5136)	0.67 g/L		0.05 mM
3	K ₂ HPO ₄ (Sigma P 3786)	3.8 g/L		0.22 mM
4	Tricine (Sigma T-5816-256)	25 g/L		1.4 mM