

J Medium Recipe

Directions

Modification of Parker's J (or, Jansen) medium for Microcystis.

For 1 L Total pH 8.3 - 8.5

1. To approximately 950 mL of dH₂O, add each of the components in the order specified while stirring continuously.
2. Bring total volume to 1 L with dH₂O.
- *For 1.25% agar medium add 12.5 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	Macro Component 1 for J Medium	10 mL/L		
2	Macro Component 2 for J medium	10 mL/L		
3	CaCl ₂ ·2H ₂ O (Sigma C-3881)	1 mL/L	0.29 g/100 mL dH ₂ O	0.02 mM
4	G9 Trace Metals for J medium	1 mL/L		