

Main sol. J344

MJ(-N) synthetic seawater	670.00	ml
NH ₄ Cl	0.25	g
NaNO ₃	1.00	g
Na ₂ WO ₄ x 2 H ₂ O	0.10	mg
Distilled water	330.00	ml

1. Mix components thoroughly, adjust pH to 7.0 with NaOH and autoclave. After cooling, add the following solutions (filter-sterilized):

NaHCO ₃ (8%)	12.50	ml
Trace vitamins	10.00	ml

2. Aseptically distribute the medium into culture vessels (e.g., 20 ml in 120 ml serum bottles) under a H₂-CO₂ (4:1, v/v) gas mixture, and seal with butyl rubber stoppers. Pressurize inoculated bottles to 200 kPa H₂-CO₂ (4:1, v/v).

3. Comment: For JCM 34026, use 1.0 L of MJ(-N) synthetic seawater and omit distilled water.