



Main sol. 1845

Basal salt stock solution (20x)	50.00	ml
Trace element solution (Nitrososphaera)	1.00	ml
FeNaEDTA solution (7.5 mM)	1.00	ml
Selenite-tungstate solution	1.00	ml
NH₄Cl (1 M)	0.50	ml

1. Add 50 mL of 20x Basal salt stock solution and 4 g CaCO₃ to 950 mL sterile double distilled water and mix all just before use.
2. Autoclave at 121 °C for 20 min.
3. Cool down to room temperature.
4. Add aseptic per liter of 1x basalt salt solution: 1 mL FeNaEDTA (7.5 mM), 1 mL trace elements solution, 1 mL Selenite-tungstate solution, 0.5 mL NH₄Cl solution.
5. Adjust pH to 8.5 with NaOH.