904. MARINITOGA MEDIUM

Sea Salts (SIGMA) 30.00 g
PIPES (SIGMA) 6.00 g
Yeast extract 1.00 g
Tryptone (BD Bacto) 1.00 g
Na-resazurin solution (0.1% w/v) 0.50 ml
D-Glucose 2.50 g
Na2S x 9 H2O 0.50 g
L-Cysteine-HCl x H2O 0.50 g
Distilled water 1000.00 ml

Dissolve ingredients except glucose, sulfide and cysteine, adjust pH to 7.0 and sparge medium with 100% N2 gas for 30 – 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials (to 30% of volume) and autoclave. Add glucose, sulfide and cysteine from sterile anoxic stock solutions prepared under 100% N2 gas.