

**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
Na <sub>2</sub> S x 9 H <sub>2</sub> O	0.50	g
L-Cysteine-HCl x H <sub>2</sub> O	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% N<sub>2</sub> 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% N<sub>2</sub> gas.