

**902. CARCOXYDOBRACTHIUM PACIFICUM MEDIUM**

NaCl	20.00	g
KCl	0.70	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	3.90	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.40	g
NH <sub>4</sub> Cl	0.30	g
Na <sub>2</sub> HPO <sub>4</sub>	0.15	g
Na <sub>2</sub> SiO <sub>3</sub>	0.03	g
Yeast extract	0.05	g
Trace element solution SL-10 (see medium 320)	1.00	ml
Na-resazurin solution (0.1% w/v)	0.50	ml
NaHCO <sub>3</sub>	0.50	g
Na-pyruvate	2.50	g
Vitamin solution (see medium 141)	10.00	ml
L-Cysteine-HCl x H <sub>2</sub> O	0.45	g
Na <sub>2</sub> S x 9 H <sub>2</sub> O	0.45	g
Distilled water	1000.00	ml

Dissolve ingredients except bicarbonate, pyruvate, vitamins and reducing agents, then adjust pH of solution to 7.0 with NaOH. Sparge medium with 100% N<sub>2</sub> gas for 30 – 45 min to make it anoxic, then dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add pyruvate, vitamins, cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N<sub>2</sub> gas and bicarbonate from a sterile anoxic stock solution prepared under 80% N<sub>2</sub> and 20% CO<sub>2</sub> gas mixture. Vitamins should be sterilized by filtration. Adjust pH of complete medium to 7.0, if necessary.