410. BRACKISH WATER DESULFOVIBRIO (POSTGATE) MEDIUM

**Solution A:**
- $\text{K}_2\text{HPO}_4$ 0.5 g
- $\text{NH}_4\text{Cl}$ 1.0 g
- $\text{Na}_2\text{SO}_4$ 1.0 g
- $\text{NaCl}$ 10.0 g
- $\text{CaCl}_2 \times 2 \text{H}_2\text{O}$ 0.1 g
- $\text{MgSO}_4 \times 7 \text{H}_2\text{O}$ 2.0 g
- $\text{Na-DL-lactate}$ 2.0 g
- Yeast extract 1.0 g
- Na-resazurin solution (0.1% w/v) 0.5 ml
- Distilled water 980.0 ml

**Solution B:**
- $\text{FeSO}_4 \times 7 \text{H}_2\text{O}$ 0.5 g
- Distilled water 10.0 ml

**Solution C:**
- $\text{Na-thioglycolate}$ 0.1 g
- Ascorbic acid 0.1 g
- Distilled water 10.0 ml

Dissolve ingredients of solution A, bring to the boil, then cool to room temperature while sparging with 100% $\text{N}_2$ gas. Add solutions B and C, adjust pH to 7.8 with NaOH, and distribute under 100% $\text{N}_2$ gas atmosphere into anoxic Hungate-type tubes or serum vials. During distribution continuously swirl the medium to keep the grey precipitate suspended. Autoclave 15 min at 121°C.