63c: DESULFOVIBRIO MEDIUM (CHOLINE)

**Solution A**

- $K_2HPO_4$: 0.50 g
- $NH_4Cl$: 1.00 g
- $Na_2SO_4$: 1.00 g
- $CaCl_2 \times 2 H_2O$: 0.10 g
- $MgSO_4 \times 7 H_2O$: 2.00 g
- Choline chloride (SIGMA): 5.00 g
- Yeast extract: 1.00 g
- Sodium resazurin (0.1% w/v): 0.50 ml
- Distilled water: 980.00 ml

**Solution B**

- $FeSO_4 \times 7 H_2O$: 0.50 g
- Distilled water: 10.00 ml

**Solution C**

- Na-thioglycolate: 0.10 g
- Ascorbic acid: 0.10 g
- Distilled water: 10.00 ml

Dissolve ingredients of solution A, bring to the boil, then cool to room temperature while sparging with 100% $N_2$ gas. Add solutions B and C, adjust pH to 7.8 with NaOH, and distribute under 100% $N_2$ gas in anoxic Hungate-type tubes. During distribution continuously swirl the medium to keep the grey precipitate suspended. Autoclave 15 min at 121°C. Check medium pH after autoclaving and adjust to 6.8 - 7.0, if necessary.