**63c. DESULFOVIBRIO MEDIUM (CHOLINE)**

**Solution A:**
- K$_2$HPO$_4$ 0.5 g
- NH$_4$Cl 1.0 g
- Na$_2$SO$_4$ 1.0 g
- CaCl$_2$ x 2 H$_2$O 0.1 g
- MgSO$_4$ x 7 H$_2$O 2.0 g
- Choline chloride (SIGMA) 5.0 g
- Yeast extract 1.0 g
- Na-resazurin solution (0.1% w/v) 0.5 ml
- Distilled water 980.0 ml

**Solution B:**
- FeSO$_4$ x 7 H$_2$O 0.5 g
- Distilled water 10.0 ml

**Solution C:**
- 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% 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.