800. ANAEROBIOSPIRILLUM THOMASII MEDIUM

Use Wilkins Chalgrene Anaerobe Broth (Oxoid CM 643) and prepare it anaerobically under 80% N₂ + 20% CO₂ gas. After autoclaving and cooling to room temperature add per 10 ml the following sterile, anaerobic solutions:

- 5% (w/v) NaHCO₃ (flushed with N₂ + CO₂) 0.5 ml
- Fildes Enrichment (BBL 20810) (under N₂) 1.0 ml
- 3% (w/v) cysteine-HCl x H₂O (under N₂) 0.1 ml
- 3% (w/v) Na₂S x 9 H₂O (under N₂) 0.1 ml

The pH of the completed medium should be 6.8 - 7.0. For growth an agar plates, Columbia sheep blood agar plates (BBL) may be used and incubated under an anaerobic atmosphere containing 5 - 10% CO₂.