

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) NaHCO ₃ (flushed with N ₂ + CO ₂)	0.5	ml
Fildes Enrichment (BBL 20810) (under N ₂)	1.0	ml
3% (w/v) cysteine-HCl x H ₂ O (under N ₂)	0.1	ml
3% (w/v) Na ₂ S x 9 H ₂ O (under N ₂)	0.1	ml

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