

1188: SPIROCHAETA CELLOBIOSIPHILA MEDIUM

Sea Salt (SIGMA)	35.00	g
Wolfe's mineral elixir	1.00	ml
Yeast extract	1.00	g
Trypticase peptone (BD BBL)	0.50	g
Cellobiose	2.00	g
Distilled water	1000.00	ml

Dissolve compounds except cellobiose, adjust pH to 7.5 and dispense medium under air atmosphere into Hungate-type tubes or serum vials to 30% volume and autoclave. Add cellobiose after autoclaving from a stock solution sterilized by filtration.

Wolfe's mineral elixir (from medium 792)

MgSO ₄ x 7 H ₂ O	30.00	g
MnSO ₄ x H ₂ O	5.00	g
NaCl	10.00	g
FeSO ₄ x 7 H ₂ O	1.00	g
CoCl ₂ x 6 H ₂ O	1.80	g
CaCl ₂ x 2 H ₂ O	1.00	g
ZnSO ₄ x 7 H ₂ O	1.80	g
CuSO ₄ x 5 H ₂ O	0.10	g
AlK(SO ₄) ₂ x 12 H ₂ O	0.18	g
H ₃ BO ₃	0.10	g
Na ₂ MoO ₄ x 2 H ₂ O	0.10	g
(NH ₄) ₂ Ni(SO ₄) ₂ x 6 H ₂ O	2.80	g
Na ₂ WO ₄ x 2 H ₂ O	0.10	g
Na ₂ SeO ₄	0.10	g
Distilled water	1000.00	ml

First adjust pH to 1.0 with diluted H₂SO₄, then add and dissolve the salts.