

## 1538. ANAEROBACTERIUM MEDIUM

KH <sub>2</sub> PO <sub>4</sub>	0.2	g
NH <sub>4</sub> Cl	0.25	g
NaCl	1	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	0.4	g
KCl	0.5	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.15	g
Yeast extract	1.0	g
Cellobiose	10.0	g
NaHCO <sub>3</sub>	2.52	g
Na <sub>2</sub> S x 9 H <sub>2</sub> O	0.36	g
Trace element solution SL-10	1	ml
Vitamin solution	1	ml
Selenite-tungstate solution	1	ml

### *Trace element solution SL-10:*

HCl (25%; 7.7 M)	10.00	ml
FeCl <sub>2</sub> x 4 H <sub>2</sub> O	1.50	g
ZnCl <sub>2</sub>	70.00	mg
MnCl <sub>2</sub> x 4 H <sub>2</sub> O	100.00	mg
H <sub>3</sub> BO <sub>3</sub>	6.00	mg
CoCl <sub>2</sub> x 6 H <sub>2</sub> O	190.00	mg
CuCl <sub>2</sub> x 2 H <sub>2</sub> O	2.00	mg
NiCl <sub>2</sub> x 6 H <sub>2</sub> O	24.00	mg
Na <sub>2</sub> MoO <sub>4</sub> x 2 H <sub>2</sub> O	36.00	mg
Distilled water	990.00	ml

First dissolve FeCl<sub>2</sub> in the HCl, then dilute in water, add and dissolve the other salts. Finally make up to 1000.0 ml.

### *Vitamin solution:*

Biotin	20.0	mg/l
p-Aminobenzoic acid	80.0	mg
Thiamine-HCl x 2 H <sub>2</sub> O	200.00	mg
Vitamin B <sub>12</sub>	50.00	mg
Distilled water	1000.00	ml

### *Selenite-tungstate solution:*

NaOH	0.5	g
Na <sub>2</sub> SeO <sub>3</sub> x 5 H <sub>2</sub> O	3.0	mg
Na <sub>2</sub> WO <sub>4</sub> x 2 H <sub>2</sub> O	4.0	mg
Distilled water	1000.0	ml