

## 1378. MO-CFXI MEDIUM

NaCl	25.000	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	4.000	g
KCl	0.50	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	1.000	g
NH <sub>4</sub> Cl	0.535	g
KH <sub>2</sub> PO <sub>4</sub>	0.100	g
Tryptone	1.000	g
Glucose	1.800	g
Sodium pyruvate	0.550	g
Yeast extract	1.000	g
NaHCO <sub>3</sub>	2.000	g
Cysteine-HCL	0.300	g
Resazurin solution (1mg/ml)	1.000	ml
Trace element solution (see below)	1.000	ml
Distilled water	1000.000	ml
pH 7.0		

Prepare under N<sub>2</sub>/CO<sub>2</sub> (80/20) gas.

Autoclave and add the following components after autoclaving from stock solutions:

sterile Na<sub>2</sub>S solution end concentration 0.03%

and filter-sterile Vitamin solution (see below) 0.2 ml / 100 ml.

### *Trace element solution:*

FeCl <sub>2</sub> x4H <sub>2</sub> O	1.270	g
ZnCl <sub>2</sub>	0.140	g
MnCl <sub>2</sub> x 4 H <sub>2</sub> O	0.200	g
Na <sub>2</sub> SeO <sub>4</sub>	0.002	g
H <sub>3</sub> BO <sub>3</sub>	0.006	g
Na <sub>2</sub> WO <sub>4</sub> x 2 H <sub>2</sub> O	0.003	g
CuCl <sub>2</sub> x 2 H <sub>2</sub> O	0.001	g
CoCl <sub>2</sub> x 6 H <sub>2</sub> O	0.130	g
AlCl <sub>3</sub>	0.010	g
NiCl <sub>2</sub>	0.010	g
Na <sub>2</sub> MoO <sub>4</sub> x 2 H <sub>2</sub> O	0.020	g
Distilled water	1000.000	ml

### *Vitamin solution:*

Biotin	4.9	mg
Folic acid	8.8	mg
Pyridoxine-HCl	4.1	mg
Thiamine-HCl x 2 H <sub>2</sub> O	6.7	mg
Riboflavin	7.5	mg
Nicotinic acid	2.4	mg
D-Ca-pantothenate	9.5	mg
Vitamin B <sub>12</sub>	0.1	mg
p-Aminobenzoic acid	2.7	mg
Lipoic acid	4.1	mg
Distilled water	1000.0	ml