1378: MO-CFXI MEDIUM

NaCl	25.000	g
$MgCl_2$ x 6 H_2O	4.000	g
KCl	0.500	g
$CaCl_2$ x 2 H_2O	1.000	g
NH_4Cl	0.535	g
KH_2PO_4	0.100	g
Tryptone	1.000	g
Glucose	1.800	g
Sodium pyruvate	0.550	g
Yeast extract	1.000	g
$NaHCO_3$	2.000	g
Cysteine-HCl	0.300	g
Resazurin (1mg/ml)	1.000	ml
Trace element solution	1.000	ml
Distilled water	1000.000	ml
Na_2S	0.030	%
Vitamin solution	2.000	ml

1. pH 7.0
2. Prepare under N_2/CO_2 (80/20) gas.
3. Autoclave and add the following components after autoclaving from stock solutions:
4. sterile Na_2S solution end concentration 0.03%
5. and filter-sterile Vitamin solution (see below) 0.2 ml / 100 ml.

For DSM 29925: Supplement medium with 10 ml Na-crotonate solution (1 M) from medium 870. Omit Glucose, Tryptone, and Sodium pyruvate. Adjust amount of Yeast extract to 0.5 g.

Trace element solution

$FeCl_2$ x 4 H_2O	1.27	g
$ZnCl_2$	0.14	g
$MnCl_2$ x 4 H_2O	0.20	g
Na_2SeO_4	2.00	mg
H_3BO_3	6.00	mg
Na_2WO_4 x 2 H_2O	3.00	mg
$CuCl_2$ x 2 H_2O	1.00	mg
$CoCl_2$ x 6 H_2O	0.13	g
AlCl3	0.01	g
$NiCl_2$	0.01	g

Na_2MoO_4 x 2 H_2O	0.02	g
Distilled water	1000.00	ml

Vitamin solution

Biotin	4.90	mg
Folic acid	8.80	mg
Pyridoxine hydrochloride	4.10	mg
Thiamine-HCl x 2 H_2O	6.70	mg
Riboflavin	7.50	mg
Nicotinic acid	2.40	mg
D-Calcium pantothenate	9.50	mg
Vitamin B_{12}	0.10	mg
p-Aminobenzoic acid	2.70	mg
Lipoic acid	4.10	mg
Distilled water	1000.00	ml