



Main sol. J1278

Modified Wolfe's mineral solution	1000.00	ml
Trace minerals	10.00	ml
MES	1.95	g
NaHCO ₃	0.83	g
Sodium acetate	1.36	g
Sodium pyruvate	1.10	g
Sodium fumarate	3.20	g

Mix components thoroughly and adjust pH 6.2. Autoclave under a N₂ atmosphere. After cooling, add the following solutions anaerobically and aseptically (autoclaved or *filter-sterilized and stored under a N₂ atmosphere):

Trace vitamins (*)	10.00	ml
L-Cysteine HCl x H ₂ O (5%)	10.00	ml