

1108. CYS MEDIUM

NZ Case (Wako pure chemicals, Japan)=Peptone from Casein	3.000	g
Yeast Extract	2.000	g
Soluble Starch	1.000	g
NaCl	3.000	g
MgCl ₂	0.125	g
CaCl ₂	0.025	g
FeSO ₄ x 7 H ₂ O	0.010	g
Gelrite	8.000	g
H ₂ O	900.000	ml

Add 100 µl each of Trace Metal solutions according to the following order:

Na ₂ MoO ₄ x 2 H ₂ O	12.00	g
VO ₂ SO ₄ x H ₂ O	1.00	g
MnCl ₂ x 4 H ₂ O	5.00	g
ZnSO ₄ x 7 H ₂ O	0.60	g
CuSO ₄ x 5 H ₂ O	0.15	g
CoCl ₂ x 6 H ₂ O	8.00	g
NiCl ₂ x 6 H ₂ O	0.20	g

Adjust to pH 7.5 at room temperature and add water to the final volume of 1 liter.
Sterilize with and autoclave at 121°C for 15 min.