

98: SP

Final volume: 1000 ml

Mail sol. C₉₈

Stock solution 1	500.00	ml
Stock solution 2	500.00	ml

1. This medium is made up in 2 parts to reduce precipitation when autoclaving. For each part add the components to around 900 mls deionised water and then top up to 1 litre with deionised water.
2. Autoclave parts 1 and 2 separately at 15 psi, allow to cool then mix 1:1 aseptically.

Stock solution 1

NaHCO ₃	27.22	g
Na ₂ CO ₃	8.06	g
K ₂ HPO ₄	1.00	g
Deionized water	1000.00	ml

Stock solution 2

NaNO ₃	5.00	g
K ₂ SO ₄	2.00	g
NaCl	2.00	g
MgSO ₄ x 7 H ₂ O	0.40	g
CaCl ₂ x 2 H ₂ O	0.02	g
FeSO ₄ x 7 H ₂ O	0.02	g
Na ₂ -EDTA	0.16	g
Micronutrient solution	10.00	ml
Vitamin solution	5.00	ml
Deionized water	1000.00	ml

Micronutrient solution

ZnSO ₄ x 7 H ₂ O	1.00	mg
MnSO ₄ x 7 H ₂ O	2.00	mg
H ₃ BO ₃	10.00	mg
Na ₂ MoO ₄ x 2 H ₂ O	1.00	mg
Co(NO ₃) ₂ x 6 H ₂ O	1.00	mg
CuSO ₄ x 5 H ₂ O	0.05	mg
FeSO ₄ x 7 H ₂ O	0.70	g
Na ₂ -EDTA	0.80	g

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May be stored frozen at -20 °C.

Vitamin solution

Biotin	0.20	mg
Calcium pantothenate	0.02	g
Cyanocobalamine	4.00	mg
Folic acid	0.40	mg
Inositol	1.00	g
Nicotinic acid	0.02	g
Thiamine HCl	0.10	g
Thymine	0.60	g

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