

1415. LYALIKOVIELLA MEDIUM**Mineral Salts Solution:**

NH ₄ Cl	0.5	g
KH ₂ PO ₄	0.5	g
NaCl	25.0	g
KCl	0.5	g
MgSO ₄ x 7 H ₂ O	0.2	g
Na ₂ SO ₄	0.5	g
Yeast Extract	1.0	g
Soluble Starch	1.0	g
Trace Element Solution SL10 (see below)	1.0	ml
Distilled Water	1000.0	ml

Trace Element Solution SL10:

HCl (25%)	7.700	ml
FeSO ₄ x 7 H ₂ O	1.500	g
ZnCl ₂	0.070	g
MnCl ₂ x 4 H ₂ O	0.100	g
H ₃ BO ₃	0.300	g
CoCl ₂ x 6 H ₂ O	0.190	g
CuCl ₂ x 2 H ₂ O	0.002	g
NiCl ₂ x 6 H ₂ O	0.024	g
Na ₂ MoO ₄ x 2 H ₂ O	0.036	g
Distilled Water	1000.000	ml

Prepare the liquid medium. Adjust to pH 8.5. Before inoculation add from sterile stock solutions:

NaHCO ₃	50.000	g/l
CaCl ₂ x 2 H ₂ O	0.500	g/l
Vitamine B ₁₂ (0.1mg/mL)	0.150	ml/l