

1403. METHYLOROSULA MEDIUM V-022**Mineral Salts Solution:**

(NH ₄) ₂ SO ₄	0.05	g
MgCl ₂ x 6 H ₂ O	0.04	g
KH ₂ PO ₄	0.07	g
Trace Element Solution (see below)	1.00	ml
Distilled Water	1000.00	ml

Trace Element Solution:

Na ₂ EDTA	500.0	mg
FeSO ₄ x 7 H ₂ O	200.0	mg
ZnSO ₄ x 7 H ₂ O	10.0	mg
MgCl ₂ x 6 H ₂ O	3.0	mg
H ₃ BO ₃	30.0	mg
CoCl ₂ x 6 H ₂ O	20.0	mg
CaCl ₂ x 2 H ₂ O	1.0	mg
NiCl ₂ x 6 H ₂ O	2.0	mg
Na ₂ MoO ₄ x 2 H ₂ O	3.0	mg
Distilled Water	1000.0	ml

Prepare the liquid medium. Adjust to pH 6.0. Dispense the medium in tubes or flasks fitted with screw caps. Sterilize by autoclaving. Before inoculation add filter sterilized CH₃OH to a final concentration of 0.5% v/v.