16 - Mann and Myers medium

Components	Concentration (g/L)
$MgSO_4 . 7H_2O$	1.2
$NaNO_3$	1.0
KCl	0.60
$CaCl_2$	0.3
K_2HPO_4	0.1
Tris	1.0
Micronutrient solution * (stock solution)	

* To prepare micronutrient solution use the following components: Na_2EDTA (3g/L); H_3BO_3 (0.60g/l), $FeSO_4 \cdot 7H_2O$ (0.033g/L), $MnCl_2$ (0.14mg/L); $ZnSO_4 \cdot 7H_2O$ (0.33mg/L); $Co(NO_3)_2 \cdot 6H_2O$ (0.0007g/L), $CuSO_4 \cdot 5H_2O$ (0.0002g/L).

PROCEDURE:

Dissolve the quantities of each component, except micronutrient solution, listed in the table in 990ml of distilled H_2O. Heat the mixture while stirring to fully dissolve all components. Also, add 10ml/L of micronutrient solution* and autoclave the dissolved mixture at 121 ºC for 15min.