

M–Allen

(NH ₄) ₂ SO ₄	262 mg
KH ₂ PO ₄	54 mg
MgSO ₄ · 7H ₂ O	50 mg
CaCl ₂ · 2H ₂ O	14 mg
A2 trace element stock solution	0.2 mL
Distilled water	99.4 mL
pH 2.5 ¹⁾	

After autoclaving, add 0.4 mL of A2 Fe stock solution (filter-sterilized).

1) pH is adjusted to 2.5 with 0.5mol/L H₂SO₄.

Indicated as “MA” medium in reference.

A2 trace element stock solution

H ₃ BO ₃	285 mg
MnCl ₂ · 4H ₂ O	180 mg
ZnCl ₂	10.5 mg
Na ₂ MoO ₄ · 2H ₂ O	39 mg
CoCl ₂ · 6H ₂ O	4 mg
CuCl ₂ · 2H ₂ O	4.3 mg
Distilled water	100 mL

A2 Fe stock solution

EDTA · 2Na	700 mg
FeCl ₃ · 6H ₂ O	400 mg
Distilled water	100 mL

Sterilize by passing through a Millipore filter (0.22 µm).