

55: FRUCTOSE MINERAL MEDIUM

Solution A	500.00	ml
Solution B	300.00	ml
Solution C	200.00	ml
Agar, if required	1.50	%

Autoclave solutions A and B separately, filter sterilize solution C. Add 1.5% agar if necessary.

Solution A

Na ₂ HPO ₄ x 12 H ₂ O	9.00	g
KH ₂ PO ₄	1.50	g
NH ₄ Cl	1.00	g
MgSO ₄ x 7 H ₂ O	0.20	g
Trace element solution SL-6	0.30	ml
Distilled water	500.00	ml

Solution B

CaCl ₂ x 2 H ₂ O	0.01	g
Ferric ammonium citrate	5.00	mg
Distilled water	300.00	ml

Solution C

Fructose	5.00	g
Distilled water	200.00	ml

Trace element solution SL-6 (from medium 27)

ZnSO ₄ x 7 H ₂ O	0.10	g
MnCl ₂ x 4 H ₂ O	0.03	g
H ₃ BO ₃	0.30	g
CoCl ₂ x 6 H ₂ O	0.20	g
CuCl ₂ x 2 H ₂ O	0.01	g
NiCl ₂ x 6 H ₂ O	0.02	g
Na ₂ MoO ₄ x 2 H ₂ O	0.03	g
Distilled water	1000.00	ml