55: FRUCTOSE MINERAL MEDIUM

Final volume: 1000 ml

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_2HPO_4 x 12 H_2O	9.00	g
KH_2PO_4	1.50	g
NH_4Cl	1.00	g
$MgSO_4$ x 7 H_2O	0.20	g
Trace element solution SL-6	0.30	ml
Distilled water	500.00	ml

Solution B

$CaCl_2$ x 2 H_2O	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_2O	0.10	g
$MnCl_2$ x 4 H_2O	0.03	g
H_3BO_3	0.30	g
$CoCl_2$ x 6 H_2O	0.20	g
$CuCl_2$ x 2 H_2O	0.01	g
$NiCl_2$ x 6 H_2O	0.02	g
Na_2MoO_4 x 2 H_2O	0.03	g
Distilled water	1000.00	ml

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