

808. SS1-MEDIUM

NaH ₂ PO ₄ x 2 H ₂ O	3.93	g
K ₂ HPO ₄	1.80	g
NH ₄ Cl	1.00	g
NaNO ₃	1.00	g
MgSO ₄ x 7 H ₂ O	0.20	g
CaCl ₂	0.01	g
Ferric EDTA solution	1.00	ml
ZnSO ₄ x 7 H ₂ O	0.50	g
MnSO ₄ x H ₂ O	0.10	mg
CuSO ₄ x 5 H ₂ O	0.10	mg
Co(NO ₃) ₂	0.10	mg
Na ₂ B ₄ O ₇ x 10 H ₂ O	0.10	mg
Na ₂ MoO ₄ x 2 H ₂ O	2.00	mg
Methanol	10.00	ml
Distilled water	990.00	ml

pH 6.8

Ferric EDTA solution:

- 1) Dissolve 17.9 g sodium EDTA and 3.28 g NaOH in 186 ml of distilled water.
- 2) Dissolve 13.7 g FeSO₄ x 7 H₂O in 364 ml of distilled water, bubbling with air overnight, and store in a brown glass bottle.
- 3) Combine the two solutions and make up to 1 litre with distilled water.

Autoclave the mineral salts solution and add 10 ml/l filter sterilised methanol to the cooled medium. Add 15 g/l agar for solid media.