

DH + Fe (I.I. Brown, unpubl.)

D stock medium	5 mL
HEPES	0.12 mg
FeCl ₃ · 6H ₂ O	1.14 mg
Distilled water	95 mL
pH 8.24 – 8.26	

After autoclaving, keep in room temperature overnight. Next day, adjust pH to 7.5–7.6 and add 1.5 g agar.

D stock medium

NTA	0.2 g
D trace mix	1 mL
FeCl ₃ · 6H ₂ O	0.58 mg
CaSO ₄ · 2H ₂ O	120 mg
MgSO ₄ · 7H ₂ O	200 mg
NaCl	16 mg
KNO ₃	200 mg
NaNO ₃	1.4 g
Na ₂ HPO ₄ ¹⁾	220 mg
Distilled water	99 mL

1) In the NIES-Collection, 220 mg Na₂HPO₄ is replaced by 550 mg Na₂HPO₄ · 12H₂O.

Reference

Castenholz, R. W. 1969 Thermophilic blue-green algae and the thermal environment. *Bacteriol. Rev.*, **33**, 476-504.

D trace mix

conc · H ₂ SO ₄	0.05 mL
MnSO ₄ · H ₂ O ¹⁾	228 mg
ZnSO ₄ · 7H ₂ O	50 mg
H ₃ BO ₃	50 mg
CuSO ₄ · 5H ₂ O	2.5 mg
Na ₂ MoO ₄ · 2H ₂ O	2.5 mg
CoCl ₂ · 6H ₂ O	4.5 mg
Distilled water	100 mL

1) In the NIES-Collection, 228 mg MnSO₄ · H₂O is replaced by 349 mg MnSO₄ · 5H₂O.

Reference

Castenholz, R. W. 1969 Thermophilic blue-green algae and the thermal environment. *Bacteriol. Rev.*, **33**, 476-504.