

1732: Z Medium for Cyanobacteria

Final volume: 1000 ml

NaNO ₃	480.00	mg
Ca(NO ₃) ₂ x 4 H ₂ O	59.00	mg
K ₂ HPO ₄	31.00	mg
MgSO ₄ x 7 H ₂ O	25.00	mg
Na ₂ CO ₃	21.00	mg
Fe-EDTA complex	10.00	ml
Micronutrient solution (after H. Gaffron)	0.08	ml
Distilled water (or deionized water)	1000.00	ml

Fe-EDTA complex (from medium 1727)

Combine in deionized or distilled water and make up to 500 ml:

FeCl ₃ x 6 H ₂ O	135.00	mg
Na-EDTA	186.00	mg

Micronutrient solution (after H. Gaffron) (from medium 1727)

Add to 100 ml of deionized or distilled water:

H ₃ BO ₃	310.00	mg
MnSO ₄ x H ₂ O	223.00	mg
Na ₂ WO ₄ x 2 H ₂ O	3.30	mg
(NH ₄) ₆ Mo ₇ O ₂₄ x 4 H ₂ O	8.80	mg
KBr	11.90	mg
KJ	8.30	mg
ZnSO ₄ x 7 H ₂ O	28.70	mg
Cd(NO ₃) ₂ x 4 H ₂ O	15.40	mg
Co(NO ₃) ₂ x 6 H ₂ O	14.60	mg
CuSO ₄ x 5 H ₂ O	12.50	mg
(NH ₄) ₂ Ni(SO ₄) ₂ x 6 H ₂ O	19.80	mg
Cr(NO ₃) ₃ x 7 H ₂ O	3.70	mg
VOSO ₄ x 2 H ₂ O	2.00	mg
AlK(SO ₄) ₂ x 12 H ₂ O	47.40	mg