

EG:JM

NOTE: 1:1 mixture. See separate recipes. Mix then autoclave at 15 psi for 15 minutes.

EG (*Euglena gracilis* Medium)

Freshwater algae and protozoa

Stock	per litre
(1) CaCl ₂	1.0 g

Medium	per litre
Sodium acetate trihydrate	1.0 g
"Lab-Lemco" powder (Oxoid L29)*	1.0 g
Tryptone (Oxoid L42)*	2.0 g
Yeast extract (Oxoid L21)*	2.0 g
Stock solution (1)	10.0 ml

Add constituents above and make up to 1 litre with deionized water. For agar add 15 g per litre *Bacteriological Agar (Oxoid L11). Autoclave at 15 psi for 15 minutes.

Supply

* Unipath Ltd, Wade Road, Basingstoke, Hants RG24 0PW, UK

Reviewed: 7th August 2020

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JM (Jaworski's Medium)

Freshwater algae

Stocks

per 200 ml

(1) Ca(NO ₃) ₂ .4H ₂ O	4.0 g
(2) KH ₂ PO ₄	2.48 g
(3) MgSO ₄ .7H ₂ O	10.0 g
(4) NaHCO ₃	3.18 g
(5) EDTAFeNa	0.45 g
EDTANa ₂	0.45 g
(6) H ₃ BO ₃	0.496 g
MnCl ₂ .4H ₂ O	0.278 g
(NH ₄) ₆ Mo ₇ O ₂₄ .4H ₂ O	0.20 g
(7) Cyanocobalamin	0.008 g
Thiamine HCl	0.008 g
Biotin	0.008 g
(8) NaNO ₃	16.0 g
(9) Na ₂ HPO ₄ .12H ₂ O	7.2 g

Medium

per litre

Stock solutions 1 - 9

1 ml each

Make up to 1 litre with deionized water. For agar, add 15.0 g per litre of Bacteriological Agar (Oxoid L11)*. Autoclave at 15 psi for 15 minutes.

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