

Media for protozoa

1/2Waris H+Si

| | | |
|---|--------|----|
| HEPES | 11.915 | mg |
| KNO ₃ | 5 | mg |
| MgSO ₄ · 7H ₂ O | 1 | mg |
| (NH ₄) ₂ HPO ₄ | 1 | mg |
| Ca(NO ₃) ₂ · 4H ₂ O | 5 | mg |
| Waris P-2 | 0.05 | mL |
| Waris EDTA | 0.05 | mL |
| Vitamin B ₁₂ | 0.01 | µg |
| Biotin | 0.05 | µg |
| Thiamine HCl | 5 | µg |
| Niacinamide | 0.005 | µg |
| Soil extract | 0.5 | mL |
| Na ₂ SiO ₃ · 9H ₂ O | 2.842 | mg |
| Distilled water | 99.4 | mL |
| PH 7.0 | | |

Waris H is diluted half strength and added Na₂SiO₃ · 9H₂O.

Reference

McFadden, G. I., Melkonian, M. 1986 Use of HEPES buffer for microalgal culture media and fixation for electron microscopy. *Phycologia*, **25**, 551-557.

Waris P-2

| | | |
|--|-------|----|
| Na ₂ EDTA · 2H ₂ O | 0.3 | g |
| H ₃ BO ₃ | 0.114 | g |
| MnCl ₂ · 4H ₂ O | 14.4 | mg |
| ZnSO ₄ · 7H ₂ O | 2.1 | mg |
| CoCl ₂ · 6H ₂ O | 0.4 | mg |
| Distilled water | 100 | mL |

Reference

McFadden, G. I., Melkonian, M. 1986 Use of HEPES buffer for microalgal culture media and fixation for electron microscopy. *Phycologia*, **25**, 551-557.

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Waris EDTA

| | | |
|---------------------------------------|-------|----|
| EDTA | 0.522 | g |
| FeSO ₄ · 7H ₂ O | 0.498 | g |
| KOH (1 mol/L solution) | 5.4 | mL |
| Distilled water | 94.6 | mL |

EDTA and FeSO₄ · 7H₂O is heated for 30 min (100°C); KOH is added to the cooled mixture.

Reference

McFadden, G. I., Melkonian, M. 1986 Use of Hepes buffer for microalgal culture media and fixation for electron microscopy. *Phycologia*, **25**, 551-557.