

Modified acetate medium (mAC)

To 100 mL AF-6 medium, add 40mg glucose, yeast extract, tryptone, and sodium acetate.

Reference

Nozaki, H., Wanababe, M. M. & Aizawa, K. 1995 Morphology and paedogamous sexual reproduction in *Chlorogonium capillatum* sp. nov. (Volvocales, Chlorophyta). *J. Phycol.*, **31**, 655-663.

AF-6

NaNO ₃	14 mg
NH ₄ NO ₃	2.2 mg
MgSO ₄ · 7H ₂ O	3 mg
KH ₂ PO ₄	1 mg
K ₂ HPO ₄	0.5 mg
CaCl ₂ · 2H ₂ O	1 mg
CaCO ₃ ¹⁾	1 mg
Fe-citrate	0.2 mg
Citric acid	0.2 mg
Biotin	0.2 µg
Thiamine HCl	1 µg
Vitamin B ₆	0.1 µg
Vitamin B ₁₂	0.1 µg
Trace metals ¹⁾	0.5 mL
Distilled water	99.5 mL
pH 6.6 ²⁾	

1) In the NIES-Collection, CaCO₃ is removed and PIV metals are used instead of Trace metals.

2) In the NIES-Collection, 40 mg MES is added and pH is adjusted to 6.6.

Reference

Kato, S. 1982 Laboratory culture and morphology of *Colacium vesiculosum* Ehrb. (Euglenophyceae). *Jpn. J. Phycol.*, **30**, 63-67 (in Japanese with English summary).

Media for freshwater, terrestrial, hot spring and salt water algae

P IV metals

$\text{Na}_2\text{EDTA} \cdot 2\text{H}_2\text{O}$	100 mg
$\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$	19.6 mg
$\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$	3.6 mg
ZnCl_2 ¹⁾	1.04 mg
$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$	0.4 mg
$\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$	0.25 mg
Distilled water	100 mL

1) In the NIES-Collection, 1.04 mg ZnCl_2 is replaced by 2.2mg $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$.

Reference

Provasoli, L., Pintner, I. J. 1959 Artificial media for fresh-water algae: problems and suggestions. In *The Ecology of Algae. Spec. Pub. No. 2.*, Eds. by Tryon, C. A., Jr. & Hartmann, R. T., Pymatuning Laboratory of Field Biology, University of Pittsburgh, Pittsburgh, p. 84-96.