

Media for marine and brackish water microalgae

K

Tris-base (pH 7.2) ¹⁾	0.1 mL
NaNO ₃	7.5 mg
NH ₄ Cl	0.267mg
β -Na ₂ glycerophosphate · 5H ₂ O	0.216mg
H ₂ SeO ₃	0.129 μ g
Vitamin B ₁₂	0.05 μ g
Biotin	0.05 μ g
Thiamine HCl	0.01 mg
Na ₂ SiO ₃ · 9H ₂ O ²⁾	1.535mg
K metals	0.1 mL
Seawater	99.8 mL

- 1) To 100 mL of Distilled water add 12.11 g Tris-base, and pH is adjusted to 7.2.
- 2) In the NIES-Collection, Na₂SiO₃ · 9H₂O is removed.

Reference

Keller, M.D., Guillard, R.R.L. 1985. Factors significant to marine diatom culture. pp. 113-6. *In* Anderson, D.M., White, A.W., Baden, D.G. (eds.) *Toxic Dinoflagellates*. Elsevier, New York.

Keller, M.D., Selvin, R.C., Claus, W., Guillard, R.R.L. 1987. Media for the culture of oceanic ultraphytoplankton. *J. Phycol.*, 23, 633-638.

K metals

Na ₂ EDTA · 2H ₂ O	3.722 g
Fe-EDTA	0.493 g
FeCl ₃ · 6H ₂ O	0.315 g
MnCl ₂ · 4H ₂ O	17.8 mg
ZnSO ₄ · 7H ₂ O	2.3 mg
CoSO ₄ · 7H ₂ O	1.405mg
Na ₂ MoO ₄ · 2H ₂ O	0.726mg
CuSO ₄ · 5H ₂ O	0.25 mg
Distilled water	100 mL

Reference

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