

Media for marine and brackish water microalgae

K/2 ET Ian

NaNO ₃	2.44 mg
NH ₄ Cl	0.0267 mg
KH ₂ PO ₄	0.244 mg
Fe-EDTA	0.215 mg
Vitamin B ₁₂	0.05 µg
Biotin	0.0005 µg
Thiamine HCl	0.01 mg
K/2 metals	0.05 mL
Soil extract	1.5 mL
Seawater	98.45 mL
pH 8.2	

K medium is diluted half strength and modified by Ian. This medium should not be autoclaved but filter-sterilized.

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/2 metals

Na ₂ EDTA · 2H ₂ O	3.722 g
CuSO ₄ · 5H ₂ O	0.25 mg
Na ₂ MoO ₄ · 2H ₂ O	0.726 mg
ZnSO ₄ · 7H ₂ O	2.3 mg
CoSO ₄ · 7H ₂ O	1.406 mg
MnCl ₂ · 4H ₂ O	17.81 mg
H ₂ SeO ₃	0.129 mg
NiCl ₂ · 6H ₂ O ¹⁾	0.149 mg
Distilled water	100 mL

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