

## Media for marine and brackish water microalgae

### K/2 (K/2-modified by Ian)

NaNO <sub>3</sub>	2.44 mg
NH <sub>4</sub> Cl	0.0267 mg
KH <sub>2</sub> PO <sub>4</sub>	0.244 mg
Fe-EDTA	0.215 mg
Vitamin B <sub>12</sub>	0.05 µg
Biotin	0.0005 µg
Thiamine HCl	0.01 mg
K/2 metals	0.05 mL
Seawater	99.95 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 <sub>2</sub> EDTA · 2H <sub>2</sub> O	3.722 g
CuSO <sub>4</sub> · 5H <sub>2</sub> O	0.25 mg
Na <sub>2</sub> MoO <sub>4</sub> · 2H <sub>2</sub> O	0.726 mg
ZnSO <sub>4</sub> · 7H <sub>2</sub> O	2.3 mg
CoSO <sub>4</sub> · 7H <sub>2</sub> O	1.406 mg
MnCl <sub>2</sub> · 4H <sub>2</sub> O	17.81 mg
H <sub>2</sub> SeO <sub>3</sub>	0.129 mg
NiCl <sub>2</sub> · 6H <sub>2</sub> O <sup>1)</sup>	0.149 mg
Distilled water	100 mL

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