

## Media for marine and brackish water microalgae

### K

Tris-base (pH 7.2) <sup>1)</sup>	0.1 mL
NaNO <sub>3</sub>	7.5 mg
NH <sub>4</sub> Cl	0.267mg
$\beta$ -Na <sub>2</sub> glycerophosphate · 5H <sub>2</sub> O	0.216mg
H <sub>2</sub> SeO <sub>3</sub>	0.129 $\mu$ g
Vitamin B <sub>12</sub>	0.05 $\mu$ g
Biotin	5 $\mu$ g
Thiamine HCl	0.01 mg
Na <sub>2</sub> SiO <sub>3</sub> · 9H <sub>2</sub> O <sup>2)</sup>	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, Na<sub>2</sub>SiO<sub>3</sub> · 9H<sub>2</sub>O 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 <sub>2</sub> EDTA · 2H <sub>2</sub> O	3.722 g
Fe-EDTA	0.493 g
FeCl <sub>3</sub> · 6H <sub>2</sub> O	0.315 g
MnCl <sub>2</sub> · 4H <sub>2</sub> O	17.8 mg
ZnSO <sub>4</sub> · 7H <sub>2</sub> O	2.3 mg
CoSO <sub>4</sub> · 7H <sub>2</sub> O	1.405mg
Na <sub>2</sub> MoO <sub>4</sub> · 2H <sub>2</sub> O	0.726mg
CuSO <sub>4</sub> · 5H <sub>2</sub> O	0.25 mg
Distilled water	100 mL

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