

Modified SWM–3 (mSWM–3)

NaNO ₃	17	mg
NaH ₂ PO ₄ · 2H ₂ O	1.56	mg
Na ₂ SiO ₃ · 9H ₂ O	5.68	mg
Na ₂ EDTA · 2H ₂ O	1.12	mg
Fe-EDTA	0.084	mg
Na ₂ SeO ₃	0.0346	mg
P–1 metal	1	mL
Vitamin B ₁₂	0.2	µg
Vitamin mix S ₃	1	mL
Tris (hydroxymethyl) aminomethane	50	mg
Seawater	98	mL
pH 7.7–7.8		

Reference

Imai, I. 2012 High growth rates of the red tide flagellate *Chattonella marina* (Raphidophyceae) observed in culture. *Hokudai Suisan Ihou*, **62**, 71-74 (in Japanese with English summary).

P– 1 metals

H ₃ BO ₄	618.3	mg
MnCl ₂ · 4H ₂ O	69.25	mg
ZnCl ₂	5.45	mg
CoCl ₂ · 6H ₂ O	238	µg
CuCl ₂ · 2H ₂ O ¹⁾	0.1704	µg
Distilled water	100	mL

1) In the NIES-Collection, CuCl₂ · 2H₂O is removed.

Reference

Imai, I. 2012 High growth rates of the red tide flagellate *Chattonella marina* (Raphidophyceae) observed in culture. *Hokudai Suisan Ihou*, **62**, 71-74 (in Japanese with English summary).

Media for marine and brackish water microalgae

Vitamin mix S₃

Thiamine HCl	5	mg
Nicotinic acid	1	mg
Calcium pantothenate	1	mg
<i>p</i> -Aminobenzoic acid	0.1	mg
Biotin	0.01	mg
Inositol	50	mg
Folic acid	0.02	mg
Thymine	30	mg
Distilled water	100	mL

Reference

Provasoli, L. 1963 Growing marine seaweeds. In *Proceedings of the Fourth International Seaweed Symposium*, University of Tokyo Press, Tokyo, p. 9-17.