

Marine Algae Culture Medium “KW21”

For the proliferation of Marine planktonic algae !!
Marine Algae Culture Medium “KW21”
--- support the growth of a wide variety of algae.



Strong Points

1. KW21 is presented as one liquid containing various nutrient in an easily absorbable state. Thus, no trouble procedure for preparing culture medium is needed.
2. Because of containing amino acid complex and vitamin mixture, KW21 enables stable proliferation.
3. KW21 makes it possible to sustain the peak concentration for a long time after the proliferation of *Bacillariophyceae* (Diatoms), which ensures safe and easy utilization.

Applicable to

- *Bacillariophyceae* : floating marine diatoms (*Chaetoceros*), adhesive marine diatoms (*Navicula*, *Nitzschia* etc.)
- *Haptophyceae* (*Pavlova*, *Isochrysis*), *Prasinophyceae* (*Tetraselmis*), *Nannochloropsis*.
- Other large-sized algae such *Ulva*.

How to Use

1. Add KW21 in an amount specified in the following table per liter of marine water.

Note : The optimum concentration somewhat varies depending on culture conditions.

2. In case of culturing marine diatoms, use sodium metasilicate or water glass together with KW21.

	Per Ton of Marine Water	
	KW21 (L)	Sodium Metasilicate (g)
<i>Bacillariophyceae</i>		
Floating Diatoms	0.5 (0.5-1.0)	45 (30-90)
Adhesive Diatoms	0.1 (0.05-0.1)	45 (30-90)
<i>Haptophyceae</i> , <i>Prasinophyceae</i>	0.5 (0.3-1.0)	-

Ingredients

49g/L of nitrogen (as N), 4 g/L of phosphoric acid (as P), boron, manganese, iron, zinc, cobalt, EDTA, amino acid complex, vitamin mixture (B1, B12, Biotin etc.)

Package

6 x polyethylene bottles (1L) per cardboard box

1 x polyethylene bag (10L) in cardboard box

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