

SUPER FRESH CHLORELLA V12



DHA-enriched Chlorella for Rotifer cultivation

Super fresh Chlorella V12 has been developed especially for Rotifer cultivation. Each cell of **SV12** contains DHA, EPA, and vitamin B12 ensuring optimal enrichment.

Features:

- ✧ **SV12** is a highly condensed solution of live Chlorella cells.
- ✧ **SV12** contains DHA and EPA, as required by marine fry.
- ✧ **SV12** contains vitamin B12, a necessary vitamin for Rotifer growth, assuring a healthy and highly stable Rotifer production.
- ✧ Rotifers cultivated with **SV12** can be fed to fry directly. **SV12** eliminates the need for the difficult enrichment of Rotifers after cultivation.
- ✧ **SV12** can reduce labor and production costs and is suitable for both high and low density Rotifer cultivation.
 - **SV12** disperses readily in the Rotifer tank.
 - Rotifers fed with **SV12** require a smaller amount of feed.
 - **SV12** will not affect the temperature of the tank water.

Product specification:

- ✧ Dry Net Weight: > 135g/l
- ✧ EPA: > 2% (of total fatty acids)
- ✧ DHA: 17 ± 2% (of total fatty acids)
- ✧ Vitamin B12: > 320µg/l
- ✧ Container Volume: 20 liters
- ✧ Cell Size: 3-6 micron

Suggested rotifer cultivation plan

	First Dosage	Day 1	Day 2	Day 3
Rotifer-Density (amount/ml)	100	150	260	400
SV12 Dosage	M: 1.5 liters E: 1.5 liters	M: 1.5 liters E: 1.5 liters	M: 2.0 liters E: 2.0 liters	* Refer to rotifer-analysis below
	M: Morning E: Evening			

※ S-type Rotifer Tank Volume: 10 tons Water Temperature: 24°Celsius

Typical rotifer analysis table

Lipid Total	EPA(20:5)	DPA(22:5)	DHA(22:6)
12.7 %	4.1%	5.8%	10.5%

- ※ Lipid value is the ratio to dry net weight.
- ※ EPA, DPA, DHA percentage to total fatty acids

Nutrition composition per 100g of dry net weight

Protein	54.8%	Pantothenic acid	2.5mg	Fatty acid (Total lipid content: 22.1%)		
Fat	13.2%	Folic acid	0.04mg			
Fiber	0.5%	Biotin	0.5 mg			
CHO	24.3%	Inositol	200mg			
ASH	7.2%	Choline	350mg			
Chlorophyll	2.6mg	Arginine	2.82g			
Carotene	68mg	Lysine	2.82g			
Xanthophyll	91mg	Histidine	1.05g	C14	0.6%	
Calcium	250mg	Phenylalanine	4.8g	C16 palmitic acid	14.4%	
Magnesium	240mg	Tyrosine	1.51g	C16:1	2.0%	
Iron	150mg	Leucine	3.92g	C16:2	8.1%	
Potassium	1,000mg	Isoleucine	1.98g	C18	0.6%	
Phosphorus	1,950mg	Methionine	0.55g	C18:2 linoleic (ω6)	18.8%	
Vitamin B12	0.4mg	Valine	2.87g	C18:3 linolenic (ω3)	13.7%	
Vitamin B2	6.5mg	Alanine	3.70g	C20 EPA	8.5%	
Vitamin B6	1.0mg	Glycine	2.95g	C22:5 DPA	4.0%	
Vitamin C	51mg	Proline	1.60g	C22:6 DHA	15.0%	
Niacin	20mg	Glutamic acid	7.35g	Lipid class		
γ-Tocopherol	19mg	Serine	1.89g		Glycolipid	36%
		Threonine	2.06g		Phospholipid	25%
		Aspartic acid	4.37g		Neutral lipid	36%
		Tryptophan	1.04g			
		Cysteine	0.51g			

Analyzed by: Japan Food-fat and Oil Inspection / Association Japan Frozen Food Inspection Association / Japan Food Analysis Center

Attention: Store product below 5°Celsius. Use product within 30 days of production date. Turn product regularly during storage and shake well before using

Delivery: The product is sent by air freight in styrene foam boxes with cold packs. Delivery is possible to most local airports, please contact us for details.

For further enquiries please contact:



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