



PTAqua
Feeding Global Aquaculture

SV12

SUPER FRESH CHLORELLA SV-12

(DHA and EPA Enriched Chlorella for Rotifer Cultivation)

SUPER FRESH CHLORELLA SV-12 has been developed especially for Rotifer cultivation. Each cell of **SV12** Chlorella contains **DHA, EPA AND VITAMIN B-12** ensuring optimal enrichment.

Features:

- Contains **DHA AND EPA**, required by **MARINE FRY**.
- Rotifers can be fed to **FRY** directly. This product eliminates the difficult enrichment of Rotifers after cultivation.
- **SV12 CHLORELLA** contains **VITAMIN B-12**, assuring healthy Rotifer production.
- **SV12** is a highly condensed solution of live Chlorella cells. Use of **SV12** can reduce labour and production costs and **SV12** is suitable for **HIGH AND LOW DENSITY** Rotifer cultivation.
- Rotifer cultivation with **SV12** is **VERY STABLE**.
- **NEW EXTENDED SHELF LIFE OF 45 DAYS**



Minimum Product Specification:

Dry Net Weight: > 135g/l
DHA: 17±2% (of total fatty acids)
EPA : > 2% (of total fatty acids)
Vitamin B-12: > 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 LITRES E: 1.5 LITRES	M: 1.5 LITRES E: 1.5 LITRES	M: 2.0 LITRES E: 2.0 LITRES	* Refer to Rotifer Analysis over leaf

M: MORNING E: EVENING
 · S-TYPE ROTIFER
 · TANK VOLUME: 10 T
 · WATER TEMPERATURE: 24 deg C.



Chlorella Industry Co., Ltd.



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TYPICAL ROTIFER ANALYSIS - POST CULTIVATION

LIPID TOTAL	EPA (20:5)	DPA (22:5)	DHA (22:6)
12.7 %	4.1 %	5.8 %	10.5 %

- LIPID VALUES IS THE RATIO TO DRY NET WEIGHT
- EPA, DPA, DHA % OF TOTAL FATTY ACIDS

NUTRITION COMPOSITION PER 100g OF DRY NET WEIGHT

PROTEIN	54.8%	PANTOTHENIC ACID	2.5mg	SAMPLE FATTY ACID PROFILE (% TOTAL LIPID)	
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		
CALCIUM	250mg	PHENYLALANINE	4.8g		
MAGNESIUM	240mg	TYROSINE	1.51g		
IRON	150mg	LEUCINE	3.92g	C14	0.6%
POTASSIUM	1000mg	ISOLEUCINE	1.98g	C16 PALMITIC ACID	14.4%
PHOSPHORUS	1950mg	METHIONINE	0.55g	C16:1	2.0%
VITAMIN B12	0.4mg	VALINE	2.87g	C16:2	8.1%
VITAMIN B2	6.5mg	ALANINE	3.70g	C18	0.6%
VITAMIN B6	1.0mg	GLYCINE	2.95g	C18:2 LINOLEIC (ω6)	18.8%
VITAMIN C	51mg	PROLINE	1.60g	C18:3 LINOLENIC (ω3)	13.7%
VITAMIN NIACIN	20mg	GLUTAMIC ACID	7.35g	C20:5 EPA	8.5%
γ-TOCOPHEROL	19mg	SERINE	1.89g	C22:5 DPA	4.0%
		THREONINE	2.06g	C22:6 DHA	15.0%
		ASPARTIC ACID	4.37g		
		TRYPTOPHAN	1.04g	LIPID CLASS	
		CYSTINE	0.51g	GLYCOLIPID	36%
				PHOSPHOLIPID	25%
				NEUTRAL LIPID	36%

ANALYZED BY

JAPAN FOOD FAT AND OIL INSPECTION / ASSOCIATION JAPAN FROZEN FOOD INSPECTION ASSOCIATION / JAPAN FOOD ANALYSIS CENTRE

ATTENTION:

STORE PRODUCT < 5° C. DO NOT FREEZE. USE PRODUCT WITHIN 45 DAYS OF PRODUCTION DATE.
TURN PRODUCT REGULARLY DURING STORAGE AND SHAKE WELL BEFORE USING

DELIVERY:

PRODUCT IS AIR FREIGHTED IN STYRENE FOAM BOXES WITH COLD PACKS. DELIVERY TO MOST LOCAL AIRPORTS IN EUROPE, PLEASE ENQUIRE.