



Pacific Trading
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.



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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 | | |
| XANTHOPHILL | 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.