

TECHNICAL SPECIFICATION SHEET

ARTEMIA CYSTS

Product Name: Aquatic Artemia Cysts

Compositions: 425gsm/ can



TYPICAL PERFORMANCES

The artemia are small and fast hatching.

They are available in 4 different grades: 90%, 85%, 80% and 75%

BIOMETRIC (For Russia Artemia And Equivalent)

- Nauplii Size: ± 500 micron
- Cysts count: 220,000-230,000 per gram
- Avg. Cysts Diameter: 240-260 microns

STORAGE

- Packaging should be maintained carefully closed.
- For optimal storage, keep in a dry place at maximum 50°C .
- Once opened, the product should be used immediately.
- For optimal storage, keep in cold room at -10°C .

PACKAGING

The product is nitrogen flushed and vacuum sealed, available in 425g cans.

TECHNICAL INFORMATION

COMPOSITION (For Russia artemia or equivalent)

Crude Protein	60%
Crude Lipids	12%
Crude Ash	8%
Moisture	6%

PRECAUTIONS:

1. Do not wash artemia cysts.
2. Not for human consumptions.

HATCHING CONDITIONS

Temperature	$26-28^{\circ}\text{C}$
Salinity	15-33 ppt
pH	8.0-8.5
Water volume per can	150L-200L
Hatching Time	18-30 hours

TECHNICAL SPECIFICATION SHEET

Aquatic

**NEW
PRODUCT**

Decapsulated Artemia Cysts

- SAFE
- CONVENIENT
- EFFICIENT
- RELIABLE



N.W. : 20KG

STORAGE CONDITION :
-18 °C

GUARANTEE PERIOD :
1 YEAR

Technology Breakthrough in Aquaculture...
First of its kind..

Advantages :

- 1) Reduce risk of diseases because no shell attached thus is clean and safe.
- 2) Easy to hatch. All cysts have no shells attached.
- 3) Reduce the risk of indigestion by larvae.
- 4) Unhatched cysts can also be consumed.
- 5) Very clear and lively artemia after hatching.

HATCHING CONDITION

- TEMPERATURE : 27 ~ 28 °C
- SALINITY : 20 ~ 30
- ILLUMINATION : >2000lux
- DENSITY OF CYSTS : 6 g/L
- PUT IN ENHANCE POWDER WHEN HATCHING BEGINS
- CONTAINER : AS THE PICTURE SHOWS



AFTER HATCHING

1. Keep above mentioned hatching condition for 24 hours.
2. Stop blowing to make the water still, then discharge the unhatched cysts from the outlet at the bottom.
3. Collect nauplii with 150mesh filter net.

TECHNICAL SPECIFICATION SHEET

OTOHIME EP 1 (5KG)



OTOHIME EP 2 (20KG)



DESCRIPTION:

Otohime Fish Diet from Japan provide superior nutrition for juvenile and adult fish. Otohime is a fantastic feed for both marine and freshwater fish. Packed with oxygen and moisture absorbers, in oxygen and moisture-impermeable, light-proof bags.

FEATURES AND BENEFIT:

- Balanced diets ideally suited for virtually all finfish
- Amazingly clean—excellent particle integrity in water
- Contains high content of krill to enhance colour
- Made with select raw materials with easily digested proteins and high-quality lipids for optimal nutrition
- Excellent profile of HUFAs, phospholipids, vitamins and minerals
- Contains yeast beta-glucans for immune stimulation

COUNTRY OF ORIGIN:

Made in Japan

DIRECTION:

Feed only what your fish can consume in two minutes.

STORAGE:

Store refrigerated (5°C or below) for the maximum shelf life and nutritional value.

TECHNICAL INFO

FEED SPECIFICATION

Type	Shape	Size (Mm)	Crude Protein (%Min)	Crude Fat (% Min)	Crude Fibre (% Max)	Crude Ash (% Max)	Crude Calcium (%Min)	Phosphorus (%Min)	Moisture (%Max)
EP 1	Ext. Pellet	1.7	48.0	14.5	2.0	14.0	2.2	1.7	6.5
EP 2	Ext. Pellet	2.3	48.0	14.5	2.0	14.0	2.2	1.7	6.5

Type	Ingredient
EP 1	Krill Meal, Fish Meal, Squid Meal, Wheat Flour, Potato Starch, Corn Starch, Tapioca Starch, Fish Oil, Calcium Phosphate, Astaxanthin, Calcium Carbonate, Betaine, Plant Gum Substance, Licorice Plant, Wheat Germ
EP 2	Krill Meal, Fish Meal, Squid Meal, Wheat Flour, Potato Starch, Corn Starch, Tapioca Starch, Fish Oil, Calcium Phosphate, Betaine, Plant Gum Substance, Licorice Plant, Wheat Germ

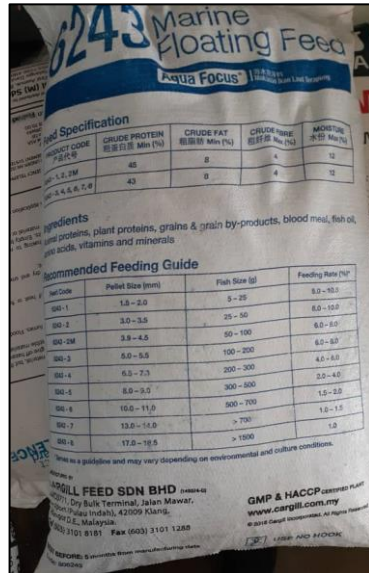
TECHNICAL SPECIFICATION SHEET

CARGILL NO. 3

FRONT



BACK



DESCRIPTION:

Cargill is a well-known manufacturer of a full range feeds for key aqua species including marine shrimps, freshwater prawns, freshwater fishes, and marine fishes as well. Cargill No. 3 is a grower feed specifically for marine fishes which always be farmers' first choice for the health of their fishes as it provides superior nutrition for juvenile.

FEATURES AND BENEFIT:

- Balanced diets ideally suited for juvenile marine finfish.
- Made with select raw materials with easily digested proteins and high-quality lipids for optimal nutrition.
- Excellent profile of amino acids, vitamins and minerals.

COUNTRY OF ORIGIN:

Made in Malaysia

FEED CODE:

806243

STORAGE:

Do not store under direct sunlight because it will deteriorate the nutritional value and shelf life of the feed.

BEST BEFORE:

5 Months from manufacturing date.

PELLET



TECHNICAL INFO

RECOMMENDED FEEDING GUIDE

Code	Size (Mm)	Fish Size (G)	Feeding Rate (%)*
6243-3	5.0-5.5	100-200	6.0-8.0

*Serves as guideline and may vary depending on environmental and culture conditions.

FEED SPECIFICATION

Crude Protein (%Min)	Crude Fat (%Min)	Crude Fibre (% Max)	Moisture (%Max)
43.0	8.0	4.0	12.0

CODE	INGREDIENT
6243-3	Animal protein, plant proteins, grains and grain by-products, blood meal, fish oil, amino acids, vitamins and minerals.

TECHNICAL SPECIFICATION SHEET

NANNO PASTE (NANNO 3600™)

Instant Algae® – Algae When You Need It™
MARINE MICROALGAE CONCENTRATES

Nanno 3600™
(CCMP 525 / *Nannochloropsis sp*)
1 Liter
Batch #18163
Best Used by June 12, 2020

Nannochloropsis microalgae is the perfect feed for rotifers. It has an excellent nutritional profile for marine larviculture and remains suspended in the water column without fouling the culture.

For complete product specifications please visit our website at www.InstantAlgae.com.

STORAGE: KEEP FROZEN; Once thawed, store at -1 to 4 C°. Use within 3 weeks of thawing.
PRODUCT USE: Thaw before using. Dilute desired amount of concentrate with salt water. Do NOT use a blender to mix the algae.

Cell size	1-2 microns	Protein	58%
Cell count	68 billion per	Carbohydrate	20%
Dry Weight	18%	Lipid	15%
		EPA (of fatty acids)	30%

PRODUCT INFORMATION

Nanno 3600 is our original high-yield rotifer feed. It is single-species (*Nannochloropsis*) and produces phospholipid-rich rotifers. It also provides a high Feed Conversion Rate with minimal organic waste in the tank and gives an EPA and ARA pre-enrichment boost for use with high-DHA enrichment protocols.

FEATURES AND BENEFITS

Nanno 3600 Offers:

- Healthy Rotifer Cultures - Rapid growth, minimal fouling and reduced bacteria loads
- High Yields- Rotifers can double daily at densities over 8,000 L-Type rotifers per ml
- Optimum Enrichment -Supports full highly-unsaturated fatty acid (HUFA) enrichment; the best source of EPA and ARA as well as critical vitamins.
- Concentrated, Clean, Liquid Form- Exceptionally clean and easy to use with minimal foaming or clumping, which means less time spent maintaining cultures.
- Long shelf life -frozen, two years

USE AND STORAGE

Storage: Instant Algae *Nannochloropsis* can be stored in a refrigerator for 12 to 14 weeks (best if stored at -1 to +3C) or it can be frozen for longer shelf life (2 years). When frozen the algae will "hard-freeze" like ice.

Ice Cubes: If you have received a liter of Nanno and don't plan to use it all within 12 to 14 weeks of thawing a frozen bag, we suggest making it into ice cubes. Simply pour the algae into a standard ice cube tray and freeze for 24 hours. Then take the cubes and store them in a plastic bag in your freezer. As you need more algae, remove a cube from the plastic bag and thaw.

TECHNICAL INFORMATION

Description	Concentrated Blend of Microalgae
Appearance	Green Viscous Liquid
Algal Size	1.5-2.0 microns
Typical Cell Count	68 billion/ml
Live Algae Equivalent	3600 liters @ 19 million cells/ml
Type	Non-flagellated Yellow-Green (<i>Eustigmatophyceae</i>)
Dry Weight	>18%
Shelf Life	12 - 14 weeks 2 years frozen

TECHNICAL SPECIFICATION SHEET

IKAN KEMBONG

Fish Length: 4-5 inches

Packaging: 10kg per box



YEAST

PACKAGING:

500gm per packet

BENEFITS:

Helps in development of plankton level in pond water.

Enhances beneficial bacterial density in water.

Facilitates high stocking density with lower water exchange.

S.PARKLE

DESCRIPTION:

Formulated with high quality protected components and purified ingredients following a strict quality control protocol, leading to a consistent product aspect.

BENEFITS:

- Developed using only healthy, natural ingredients
- Sparkling clean, for an easy management of the rotifer tanks
- Designed to reduce workload providing short and highly productive runs
- Allows to re-inoculate up to 50 consecutive generations
- Cost-effective and easy to use

PACKAGING

Available in cardboard boxes of 4 x 2, 5 kg alufoil bags.

STORAGE:

- Shelf life is 12 months from the date of manufacture.
- The product should store in a cool, dry place (max 10°C).
- Once opened, it should be used within a month, kept well closed and store in a refrigerator.
- Do not freeze.

TYPICAL COMPOSITION

Moisture	5 %
Crude protein	39 %
Crude ash	5 %
Crude lipids	12 %
Crude fiber	1 %
Phosphorus	1 %
Vitamin A	500,000 IU/kg
Vitamin D3	50,000 IU/kg
Vitamin E	3,600 mg/kg
Vitamin C	4,000 mg/kg
Antioxidants	Ethoxyquin, BHA, propylgallate
Σω3 HUFA	17 mg/g dwt
DHA/EPA	3