

# PROTEIN-RICH WHOLE ALGAE



AlgaVia® Protein-Rich Whole Algae is a whole food ingredient that delivers protein, plus a rich collection of fiber, healthy lipids<sup>1</sup> and micronutrients. When used in formulations, the protein and nutrients are protected by the algae cell wall. This protection enables fortification in challenging applications such as low pH beverages, dressings and crackers. Since it's vegan, gluten-free and free of known allergens, food products fortified with our Protein-Rich Whole Algae are accessible to a wide range of consumers.

## TERRAVIA'S WHOLE INGREDIENT PLATFORM:

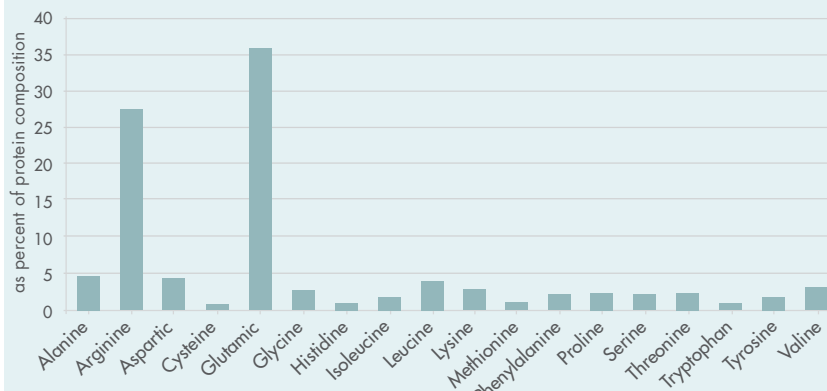
Our microalgae-based protein platform leverages fermentation technology to produce highly nutritious, naturally derived, minimally processed ingredients with outstanding consistency.

## KEY INGREDIENT ADVANTAGES

- Whole food ingredient
- Free of known allergens
- Vegan
- Gluten-free
- GMO-free
- High digestibility
- Contains all essential amino acids
- Protected protein has limited interaction with other food ingredients, allowing easier formulation in broad applications

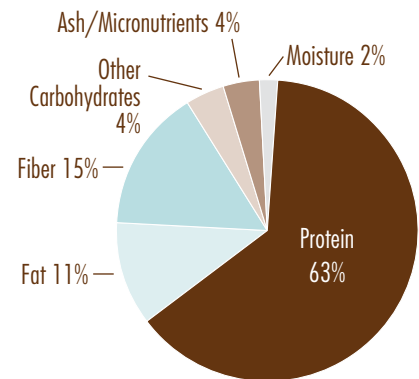
## A GOOD SOURCE OF PROTEIN

Amino Acid Profile (g/100g Protein)



✓ High digestibility, 88%    ✓ .51 PDCAAS

## PROTEIN-RICH WHOLE ALGAE



\* Protein content may range. On a dry basis, protein content may range from 60-70% in the final product.

AlgaVia® Protein-Rich Whole Algae adds robust protein fortification when included in the formulation of many different foods, including:

- Beverages
- Dressings
- RTM Powders
- Cereals
- Sauces
- Savory Snacks
- Breads
- Supplements



1. The lipid contained in AlgaVia® Protein-Rich Whole Algae is a combination of mono- and polyunsaturated fatty acids

# PROTEIN-RICH WHOLE ALGAE



## PROTEIN BAR

**7g**  
PROTEIN

**5g**  
ALGAE PROTEIN  
PER SERVING

[ protein-rich whole algae ]

Nutrition Facts	
Serving Size: 50g	
Amount Per Serving	
<b>Calories</b> 200	Calories from Fat 60
% Daily Value*	
<b>Total Fat</b> 6g	<b>10%</b>
Saturated Fat 4g	<b>20%</b>
Trans Fat 0g	
<b>Cholesterol</b> 0mg	<b>0%</b>
<b>Sodium</b> 115mg	<b>5%</b>
<b>Total Carbohydrate</b> 31g	<b>10%</b>
Dietary Fiber 3g	<b>12%</b>
Sugars 13g	
<b>Protein</b> 7g	
Vitamin A 0%	Vitamin C 0%
Calcium 0%	Iron 4%

\*Percent Daily Values are based on a 2,000 calorie diet.

INGREDIENTS	PROTEIN-RICH WHOLE ALGAE [%]
Tapioca Syrup	19.22
Oats	17.14
Protein-Rich Whole Algae	14.45
Milk Chocolate Coating	13.00
Rice Crisps	8.00
Chocolate, semi-sweet	8.00
Invert Sugar	6.90
Corn Syrup	4.90
Flavors	0.70
Salt	0.19
<b>TOTAL</b>	<b>100.00</b>

## CHEESE CRACKER

**8g**  
PROTEIN  
PER SERVING

**4g**  
ALGAE PROTEIN  
PER SERVING

**2g**  
FIBER

**15%**  
CARBOHYDRATE  
REDUCTION

[ control ]

[ protein-rich whole algae ]

Nutrition Facts	
Serving Size: 30g	
Amount Per Serving	
<b>Calories</b> 140	Calories from Fat 50
% Daily Value*	
<b>Total Fat</b> 5g	<b>8%</b>
Saturated Fat 1.5g	<b>8%</b>
Trans Fat 0g	
<b>Cholesterol</b> 5mg	<b>2%</b>
<b>Sodium</b> 260mg	<b>11%</b>
<b>Total Carbohydrate</b> 18g	<b>6%</b>
Dietary Fiber 1g	<b>4%</b>
Sugars 1g	
<b>Protein</b> 4g	
Vitamin A 2%	Vitamin C 0%
Calcium 6%	Iron 6%

\*Percent Daily Values are based on a 2,000 calorie diet.

Nutrition Facts	
Serving Size: 30g	
Amount Per Serving	
<b>Calories</b> 140	Calories from Fat 50
% Daily Value*	
<b>Total Fat</b> 5g	<b>8%</b>
Saturated Fat 1.5g	<b>8%</b>
Trans Fat 0g	
<b>Cholesterol</b> 5mg	<b>2%</b>
<b>Sodium</b> 260mg	<b>11%</b>
<b>Total Carbohydrate</b> 15g	<b>5%</b>
Dietary Fiber 2g	<b>6%</b>
Sugars <1g	
<b>Protein</b> 8g	
Vitamin A 2%	Vitamin C 0%
Calcium 6%	Iron 6%

\*Percent Daily Values are based on a 2,000 calorie diet.

INGREDIENTS	CONTROL [%]	PROTEIN-RICH WHOLE ALGAE [%]
Flour, all purpose	53.80	38.05
Water	21.30	21.55
Protein-Rich Whole Algae	-	17.00
Cheese, cheddar, Shredded	13.00	13.00
Canola Oil	7.50	6.00
Sugar, granulated	1.55	1.55
Salt, fine	1.15	0.85
Leavening	0.90	1.30
Flavors	0.80	0.80
<b>TOTAL</b>	<b>100.00</b>	<b>100.00</b>