

## Sunflower protein – the natural fortifier

- affordable, nutritious and sustainable has never been easier





## Sunflowers: A powerful source of protein

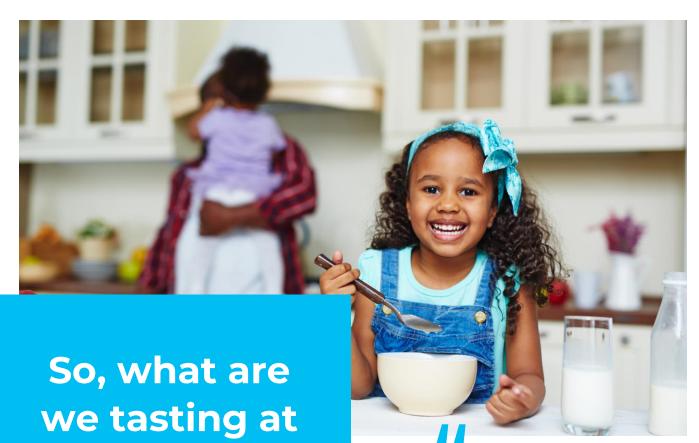
#### **Nutritional value**

Plant-based beverages can be lacking <u>protein</u> and can have as low as 0.0% protein like rice beverages. From the traditional drinks, soy has a protein level of 3.7% like milk. <u>Fat</u> is not the issue as plants are normally low in fat and can easily be fortified with healthy oils. <u>Carbohydrates</u> and sugars can be high because of hydrolyzation of starches.

Proteins has not been highly used before. With today's consumer focus, the demand is rising for more nutritional and healthier products. We are in the starting phase to see producers launching protein fortified plant-based drinks. Some even go as far as tailor-making a product to mimic milk on fat, carbohydrates and protein.

### Affordability must go hand in hand with healthy

Sunflower protein are rich in vitamins, many minerals and essential amino acids. Not only is it nutritious, it also a highly upcycled product which makes it even more sustainable. But even better? Its affordable - similar or more than half the price of dairy and plant-based powders.



| Nutrition Facts                          | 100 ml           |
|--|------------------|
| Calories                                 | 49               |
| Total Fat                                | 1.4g             |
| Saturated Fat                            | 0.1g             |
| Trans Fat                                | 0.0g             |
| Cholesterol                              | 0mg              |
|  |                  |
| Sodium                                   | 45mg             |
| Sodium Total Carbohydrate                | 45mg<br>6.3g     |
|  |                  |
| Total Carbohydrate                       | 6.3g             |
| <b>Total Carbohydrate</b> Dietary Fibers | <b>6.3g</b> 1.3g |

Gulfood 2023?

#### Ingredients list

Water, oat, sunflower protein, omega-3 fatty acid, alpha-linolenic acid, salt, E460, E466, E418

# Omega-3 sunflower oat beverage

#### **Processing parameters**

Add all powder ingredients 50°C

Adjust pH to 6.80

Hydrate 30 min w. slow agitation, 50°C

Preheating 70°C

Indirect steam injection 141°C/6 sec

Cooling 70°C

Two stage homogenization 400/50 bars

Cooling and septic filling 20°C

