

## FOR HUMAN CONSUMPTION

### SUNFLOWER PROTEIN CONCENTRATE SFC 80

The unique technology and high-tech equipment were successfully implemented at the first production site in an ecologically clean Gorny Altai mountain region. Production capacity is 3,000 tons per year. **SUNFLOWER PROTEIN CONCENTRATE SFC 80** has multiple applications in human nutrition.

**SUNFLOWER PROTEIN CONCENTRATE SFC 80** is an effective plant protein obtained from sunflower seed meal according to the unique technology, at which the natural protein content is minimum 80%.

The high content of Chlorogenic acid is responsible for the green color the product. Chlorogenic acid has a beneficial effect on the heart, tones the heart muscle, equalizes blood pressure, prevents thrombosis and normalizes blood sugar levels, also strengthens the muscles and bones of the skeleton, normalizes liver function and prevents aging of the body. Chlorogenic acid is a powerful antioxidant akin to the one contained in coffee beans.



#### GENERAL ORGANOLEPTIC CHARACTERISTICS:

Product form	fine powder
Colour	cream
Smell	neutral, faint smell of sunflower seeds
Taste	neutral
Fraction size	average particle size 20-25 microns



## COMPOSITION: NUTRITIONAL PROPERTIES OF SUNFLOWER PROTEIN CONCENTRATE SFC 80

PARAMETER	VALUE
Protein, % on dry basis	>80,0
Carbohydrates, %	< 3,0
Fat %	<1,0
Ash content, %	< 8,0
Fibre, % on dry basis	< 2,0
Moisture, %	<9,0
Calcium, %	0,32
Phosphorus, %	0,41
Magnesium, %	0,30
Ferrum, %	0,05
Sodium, %	0,55
Chlorogenic acid, %	>0,9
Digestibility, %	95
Solubility index, sm <sup>3</sup>	6,0 (easily soluble)

**APPLICATION: SUNFLOWER PROTEIN CONCENTRATE SFC 80** is used as raw material for:

- sports nutrition (protein shakes, bars);
- production of vegetarian and other personalized foods;
- food industry (canning, bakery, confectionery, etc.);
- pharmaceutical industry (dietary supplements, fat-burning complexes)

**SPORTS NUTRITION SUNFLOWER PROTEIN CONCENTRATE SFC 80** green powder is a pure protein without dyes, preservatives, flavourings and NON-GMO BY ORIGIN. It does not contain aspartame, low-calorie stevia or any other sweeteners. Powder has it's application in protein special sports nutrition with natural plant protein content. Recommended for people with active lifestyle and intensive physical loads to maintain and/or gain muscle mass.

#### SNACKS/ CHIPS / HEALTHY CRISPBREADS / PROTEIN COOKIES

SFC 80 is a rich source of protein, along with a good source of fiber, in a convenient packing that means you can fuel up on the go.

Protein promotes growth and maintenance of muscle mass, which is why it is so important for absolutely everyone involved in sports and fitness.

It can make a very healthy snack, ready to be eaten at any time and in any place.

#### NUTRITION BARS

Nutrition bars, granola bars are specialized food products of dietary preventive nutrition to control appetite and body weight, with increased mental and physical exertion.

Bars made with **SUNFLOWER PROTEIN CONCENTRATE SFC 80** are high in protein and allow avoiding feeling hungry. These bars are great for appetite and body weight management.

