

Technical Specifications

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Organic Green Lentil Protein Concentrate-TENTATIVE SPECIFICATIONS

The Organic Green Lentil Protein Concentrate is the mechanically milled and separated portion of the dehulled, dry, and cleaned lentil.

Nutrient Profile per 100 g product

Total Fat: 4 g
Starch: 22 g
Dietary Fiber: 12 g
Sugar: 3 g
Total Carbohydrates: 37 g
Protein: 47 g
Ash: 6 g
Calcium: 47 mg
Iron: 8 mg
Potassium: 2080 mg
Sodium: 4 mg
Moisture: 6%
Resistant Starch: 5.01%

Physical Appearance/Sensory

Color: pale yellow
Form: powder
Odor: typical of Lentil Protein without any off odor
Flavor: typical of Lentil Protein without any off flavor

Screen Test

U.S.S. 325 mesh: min 91%

Microbiological Max Limits

Raw agriculture product that has not been subjected to a post milling lethality step

Aerobic plate count: 20,000 cfu/g
Yeast: 1,000 cfu/g
Mold: 1,000 cfu/g
E. Coli: 100 MPN/g
Salmonella: Negative

Heavy Metals

Mercury: <10 ppb
Arsenic: <10 ppb
Cadmium: <10 ppb
Lead: <10 ppb

Storage

It is recommended product be stored at room temperature and less than 65% relative humidity

Shelf Life

The best before date is 24 months from the date of production.

Regulatory Data

Source: Lentil

United States

FDA Regulation: 21CFR170.30 (GRAS)
Labeling: Green Lentil Protein Concentrate

Canada

CFDA Regulation: Unstandardized Food
Labeling: Green Lentil Protein Concentrate

Features and Benefits

The Green Lentil Protein Concentrate is used to increase protein content in formulations including beverages, bakery, and snack products. It can be used to eliminate and/or reduce other protein sources such as dairy, soy, whey, animal

Effective Date

March 31, 2022

