

# Technical Specifications

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## Organic Green Lentil Starch Concentrate-TENTATIVE SPECIFICATIONS

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

### Nutrient Profile per 100 g product

Total Fat: 1 g  
Starch: 71 g  
Dietary Fiber: 4 g  
Sugar: 1 g  
Total Carbohydrates: 76 g  
Protein: 13 g  
Ash: 2 g  
Calcium: 13 mg  
Iron: 5 mg  
Potassium: 865 mg  
Sodium: 1 mg  
Moisture: 8%  
Resistant Starch: 5.01%

### Physical Appearance/Sensory

Color: pale yellow  
Form: powder  
Odor: typical of Lentil Starch without any off odor  
Flavor: typical of Lentil Starch 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: 21CFR182.1 (GRAS)  
Labeling: Green Lentil Starch Concentrate

### Canada

CFDA Regulation: Unstandardized Food  
Labeling: Green Lentil Starch Concentrate

### Features and Benefits

The Green Lentil Starch Concentrate is used for snacks with good expansion properties. The concentrate can be used for meats, dips, sauces, batters, and breading.

### Effective Date

March 31, 2022

