



Advantogen™
TECHNICAL SPECIFICATION

Document number: TS-081
Effective date: 10 Jul 2023
Version number: 1.0

Product Name: *Advantogen™ Chaga Mushroom Powder*

Description: Organic mycellated Biomass of *Innotous obliquus* grown on organic sorghum

Items Analyzed	Specification	Test Method
Chemical Composition		
Loss on Drying	≤ 10%	Modified USP <921> III or equivalent

Physical Properties:

Appearance	Powder	Visual
Color	Light brown	Visual

Heavy Metal Analysis:

Lead (Pb)	≤ 0.5 ppm	ICP-MS or equivalent
Arsenic (As)	≤ 1.0 ppm	ICP-MS or equivalent
Cadmium (Cd)	≤ 0.5 ppm	ICP-MS or equivalent
Mercury (Hg)	≤ 0.1 ppm	ICP-MS or equivalent

Microbiological Analysis:

Total plate count	≤ 10,000 CFU/g	USP <2021/2022> or equivalent
Yeast and mold	≤ 500 CFU/g	USP <2021/2022> or equivalent
<i>Staphylococcus aureus</i>	Absent / 10 g	USP <2021/2022> or equivalent
<i>Escherichia coli</i>	Absent / 10 g	USP <2021/2022> or equivalent
<i>Salmonella</i>	Absent / 10 g	USP <2021/2022> or equivalent

Shelf-Life: 36 months from the date of manufacturing when properly stored in a closed container in a cool (below 100°F) and dry place away from strong light.

Packaging: 25 kg cardboard box with double hand knotted poly bags

Safety: Safe, non-toxic

Label Declaration: Organic mycellated Biomass of *Innotous obliquus* grown on organic sorghum

Certifications: Organic

Source: Non-GMO, US Sourced





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Allergen Statement:

Advantogen™ Chaga Mushroom Powder does not contain eggs, milk, mustard, peanuts, seafood (fish, crustaceans, shellfish), sesame, soy, sulphites, tree nuts and wheat.

Typical Nutritional Data per 100 g

Proteins	15 g
Moisture	3 g
Carbohydrates	75 g
Dietary Fiber	26 g
Total Sugars	2 g
Total Fat	0.8 g
Cholesterol	0 g
Sodium	5 mg
Potassium	558 mg
Vitamin D	0 ug
Calorie Value	316 Kcal

Applications:

Baked Goods	Meal Replacements
Breakfast Cereals	Nutritional bars
Beverages and Juices	Sauces, Puddings & Dressings
Confectionary	Snack Foods
Meat Products	Powdered Shakes
Dairy Products	

Disclaimer: *Ingredient specifications are based on anticipated composition, yield and performance. Select allergen tests are performed and are reported based on the certified third-party quantification limits. Prospective purchasers should conduct their own tests, studies and regulatory review to determine the product's fitness for their particular purposes, product claims and specifications. If there are any special requirements, please contact your Top Health Ingredient's representative or QA department.*

