

Product Specifications

Organic Shiitake Mushroom Powder (*Lentinula edodes*)

Product Code: 84817500

Product Description: Organic *Lentinula edodes* powder.

Product Properties

Color	Brown to dark brown
Appearance	Powder; uniform particles
Taste	Characteristic of shiitake; mild, earthy
Odor	Characteristic of shiitake; earthy
Growing Substrate	Organic sorghum
Mesh Size	≥ 80% though 80 mesh
Identity	DNA
Plant Part Used	Mycelia and fruiting bodies

Analytical Values

		Spec.
Loss on Drying (<i>CHM.021/AOAC/Internal</i>)	As reported	%
Water Activity (<i>Internal</i>)	< 0.35	
Total Ash (<i>AFVAN-SLMF-0005/AOAC 942.05</i>)	< 12	%
Acid Insoluble Ash (<i>CHM.002/ AOAC/ APCS Ba 5b-68</i>)	< 5	%
Gluten (<i>CHM.013 (ELISA)/R-Biopharm/CAL-266</i>)	≤ 10	ppm
Polysaccharides (<i>UV-Vis</i>)	> 60	%
Beta Glucans (<i>K-YGBL</i>)	> 30	%

Heavy Metals and Pesticides

		Spec.
Lead (<i>ICP-MS; AOAC 2015.01/USP <232>/CAL-024Q</i>)	≤ 0.5	ppm
Arsenic (<i>ICP-MS; AOAC 2015.01/USP <232>/CAL-024Q</i>)	≤ 1.5	ppm
Cadmium (<i>ICP-MS; AOAC 2015.01/USP <232>/CAL-024Q</i>)	≤ 0.5	ppm
Mercury (<i>ICP-MS; AOAC 2015.01/USP <232>/CAL-024Q</i>)	≤ 1.5	ppm
Total Aflatoxins (sum of B1+B2+G1+G2; <i>HPLC</i>)	≤ 4	ppb
Aflatoxins B1 (<i>HPLC</i>)	≤ 2	ppb
Pesticides	Product is not exposed to pesticides during manufacturing	

Microbiological Values

		Spec.
Total Aerobic Plate Count (<i>USP<2021>/Ph. Eur. 2.6.12/MFHPB-18</i>)	≤ 10,000	CFU/g
Yeast & Mold (<i>USP<2021>/Ph. Eur. 2.6.12/MFHPB-22</i>)	≤ 1,000	CFU/g
Coliforms (<i>MFHPB-34/MFHPB-19</i>)	≤ 10	CFU/g
<i>E.coli</i> (<i>USP <2022>/Ph. Eur. 2.6.31/MFHPB-34</i>)	Absent	/25g
<i>Salmonella</i> (<i>USP <2022>/Ph. Eur. 2.6.31/MFHPB-20</i>)	Absent	/25g
<i>S. aureus</i> (<i>USP <2022>/Ph. Eur. 2.6.13/MFHPB-10</i>)	Absent	/25g

Country of Origin: Canada (raw material and manufacturing)

Packaging: Packed in food grade liner in corrugated box with desiccants, 20kg net weight.

Storage: Store in a tightly closed container at room temperature in a dry area. Avoid extreme variations in temperature.

Best Used By: 36 months after production date under proper storage conditions.

Quality Assurance

The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information. No warranties, expressed or implied, are made. On the basis of this information, it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product.

Customer Approval

I acknowledge and agree to the above specifications. Any parameters outside of these would not fall within the scope of the product specifications. Please return this specification sheet signed for approval otherwise we consider it accepted.

Name (print):

Signature:

Title:

Date:
