





	<b>SIGNATURE PAGE</b>
<b>RECORD ID:</b> <a href="#">GLB-FGS-0014</a>	
<b>TITLE:</b> 50100 - M2 Lion's Mane ( <i>Hericium erinaceus</i> )	
<b>AUTHOR:</b> Jimena Calfa	
<b>STATUS:</b> EFFECTIVE	

User	Role	Revision	Decision	Date Signed
Jimena Calfa	Quality Approver(s)	6.0	Approve	02/28/2025 05:23 PM PST
Christina Porras	Additional Approver(s)	6.0	Approve	02/28/2025 04:51 PM PST

	<b>Finished Product Specification</b>  <b>M2 - Lion's Mane (<i>Hericium erinaceus</i>)</b>			
Section: Quality Management	Item#: 50100	Customer: General Customers	Approved By/Date: See signature page	Effective Date: See signature page

Product Information	
Product Name	Organic Lion's Mane ( <i>Hericium erinaceus</i> ) Mushroom Powder
Composition	Dehydrated, finely milled mushroom mycelial biomass cultured on Organic oats ( <i>Avena sativa</i> )
Fungal Part Used	Mycelial biomass & fruit body
Country of Origin	Product of USA (California)
Natural	Contains no added desiccants, colorants, fillers, or preservatives
Allergens	Product formulated without any of the 9 major food allergens of USA
Storage	Store tightly sealed in original container under ambient temperature, in a dry location
Shelf Life	3 years from date of milling
Particle Size	≥ 95% through 60 Mesh Screen
Bulk Density	0.28 to 0.44 g/ml
Tapped Density	0.59 to 0.75 g/ml


Regulatory Information	
   	
Organic	Certified Organic (USDA NOP Standards)
Kosher	Certified Kosher by Earth Kosher
Non-GMO	Product is Non-GMO Verified by Food Chain Id
Vegan	Vegan Certified through VegeCert
BRCGS	Facility is BRCGS for Food Safety Certified since 2020

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Analysis and Specifications		
Test	Method	Specification
<b>Physical &amp; Chemical Testing</b>		
<b>Identification</b>	DNA sequencing of master tissue culture, taxonomic and visual monitoring of morphology and growth metrics during growth cycle. Annual HPTLC testing on milled powder.	Complies to species positive ID specifications
<b>% Moisture</b>	Constant Weight Moisture Meter	< 6% moisture
<b>Gluten</b>	ELISA with US-RIDASCREEN Total Gluten No. R7041	< 20 ppm
<b>Sensory Testing</b>		
<b>Appearance / Color</b>	Organoleptic	Brown Powder
<b>Aroma</b>	Organoleptic	Mild / Earthy
<b>Flavor</b>	Organoleptic	Slightly Bitter / Nutty / Earthy
<b>Texture</b>	Organoleptic	Powdery
<b>Microbiological Testing</b>		
<b>TPC</b>	FDA BAM Ch. 3 or equivalent	≤ 10,000 cfu/g
<b>Yeast &amp; Mold</b>	FDA BAM Ch. 18 mod. or equivalent	≤ 1,000 cfu/g
<b>Coliforms</b>	CMMEF Ch. 9.933 or equivalent	≤ 100 cfu/g
<b>E. coli</b>	CMMEF Ch. 9.933 or equivalent	< 10 cfu/g (Not Detected)
<b>Salmonella</b>	AOAC-RI 121501 or equivalent	Not Detected / 25 g
<b>Listeria spp.</b>	AOAC-RI 061702 or equivalent	Not Detected / 25 g
<b>Contaminants Testing</b>		
<b>Arsenic (As)</b>	ICP-MS	≤ 0.25 ppm
<b>Cadmium (Cd)</b>	ICP-MS	≤ 0.1 ppm
<b>Lead (Pb)</b>	ICP-MS	≤ 0.1 ppm
<b>Mercury (Hg)</b>	ICP-MS	Not Detected at LOQ <sup>#</sup>
<b>Aflatoxins *</b>	US-Multitoxin LCMSMS SOP023 or equivalent	≤ 20 ppb
<b>Glyphosate *</b>	LC-MS/MS	≤ 1 ppm
<b>Pesticide *</b>	AOAC 2007.01 or USP	Not Detected at LOQ <sup>#</sup>

\*Tests perform annually on finished milled powder

<sup>#</sup> Limit of Quantification

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Packaging Specification - 20Kg box	
Primary Packaging	Material Specification
Liners	10kg Bag: Clear 20 x 30" 2 Mil Industrial polyethylene bags. (Item # 26000) 20kg Bag: Clear 18 x 16 x 40" 2 Mil Gusseted polyethylene (Item # 26010)
Closure	Metal Detectable Zip Tie 6" (Item# 26031)
Cardboard Box	Double Wall Corrugated Box - Size 16 x 16 x 10" (Item # 26020)
Label	See below example







# ORGANIC LION'S MANE

## MUSHROOM POWDER

**Contents: Certified Organic Lion's Mane (*Hericium erinaceus*) mushroom mycelial biomass and fruit body cultured on Organic oats (*Avena sativa*). Dehydrated and Finely milled.**

**Product of USA (California)**

**Net Weight 20kg.**

Produced by M2 INGREDIENTS Inc.  
Vista, CA. USA 92081  
CDPH-OPPR: # 122187

Certified Organic by Organic Certifiers, Certified Kosher by Earth Kosher

**Item#: 50100**

**Mfg Date: mm/yyyy**

**Lot#: ??????**

**Best used by Date: mm/yyyy**

Store tightly sealed in original container under ambient temperature, in a dry location

Rev# 4.0