







|  |                       |
|--|-----------------------|
| <br><b>M<sup>2</sup></b><br>INGREDIENTS | <b>SIGNATURE PAGE</b> |
| <b>RECORD ID:</b> <a href="#">GLB-FGS-0202</a>   |                       |
| <b>TITLE:</b> 54970 - MyCognition™   |                       |
| <b>AUTHOR:</b> Jimena Calfa  |                       |
| <b>STATUS:</b> EFFECTIVE   |                       |

| <b>User</b>     | <b>Role</b>            | <b>Revision</b> | <b>Decision</b> | <b>Date Signed</b>         |
|-----------------|------------------------|-----------------|-----------------|----------------------------|
| Jessica Schmalz | Additional Approver(s) | 2.0             | Approve         | 05/07/2025<br>10:26 AM PDT |
| Jimena Calfa    | Quality Approver(s)    | 2.0             | Approve         | 05/09/2025<br>06:26 PM PDT |

|   |                      |   |  |  |
|---|----------------------|---|--|--|
|  |                      | <b>Finished Product Specification</b><br><h1 style="margin: 0;">MyCognition™</h1> |  |  |
| <b>Section:</b> Quality Management  | <b>Item #:</b> 54970 | <b>Customer:</b> M2<br>Ingredients Product (H)                                    | <b>Approved By/Date:</b><br>See signature page | <b>Effective Date:</b><br>See signature page |

| Blend Information        |   |
|--------------------------|---|
| <b>Product Name</b>      | MyCognition™  |
| <b>Ingredients</b>       | A proprietary mushroom powder blend; cultured on Organic oats ( <i>Avena sativa</i> ):<br><br>Organic Lion’s Mane ( <i>Hericium erinaceus</i> ) mycelial biomass & fruit body, Organic Cordyceps ( <i>Cordyceps militaris</i> ) mycelial biomass, stroma & fruit body, and Organic Reishi ( <i>Ganoderma lucidum s.l.</i> ) mycelial biomass & fruit body |
| <b>Country of Origin</b> | Product of USA (California)   |
| <b>Natural</b>           | Contains no added desiccants, colorants, fillers, or preservatives  |
| <b>Allergens</b>         | Product formulated without any of the 9 major food allergens of USA   |
| <b>Storage</b>           | Store tightly sealed in original container under ambient temperature, in a dry location   |
| <b>Shelf Life</b>        | 2 years from the date of blending   |

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

| Formulation         |                     |                           |
|---------------------|---------------------|---------------------------|
| <b>Formula ID</b>   | <b>Formula Code</b> | <b>Document ID</b>        |
| Formula ID Internal | MYB-V1              | <a href="#">MB-MYB-V1</a> |


|   |                      |  |  |  |
|---|----------------------|--|--|--|
|  |                      | <b>Finished Product Specification</b><br><b>MyCognition™</b> |  |  |
| <b>Section:</b> Quality Management  | <b>Item #:</b> 54970 | <b>Customer:</b> M2<br>Ingredients Product (H)               | <b>Approved By/Date:</b><br>See signature page | <b>Effective Date:</b><br>See signature page |





| <b>Analysis and Specifications</b>     |   |                                  |  |
|--|---|----------------------------------|--|
| <i>Test</i>                            | <i>Method</i>                                   | <i>Specification</i>             | <i>Frequency</i>   |
| <b>Physical &amp; Chemical Testing</b> |   |                                  |  |
| % Moisture                             | Constant Weight Moisture Meter                  | < 6 % moisture                   | Each Lot   |
| Gluten                                 | ELISA with US-RIDASCREEN Total Gluten No. R7041 | < 20 ppm                         | Each Lot   |
| <b>Sensory Testing</b>                 |   |                                  |  |
| <b>Appearance / Color</b>              | Organoleptic                                    | Brown Powder                     | Each Lot   |
| <b>Aroma</b>                           | Organoleptic                                    | Mild / Earthy                    | Each Lot   |
| <b>Flavor</b>                          | Organoleptic                                    | Slightly bitter / Nutty / Earthy | Each Lot   |
| <b>Texture</b>                         | Organoleptic                                    | Powdery                          | Each Lot   |
| <b>Microbiological Testing</b>         |   |                                  |  |
| <b>TPC</b>                             | FDA BAM Chapter 3 or equivalent                 | ≤ 100,000 cfu/g                  | Each Lot   |
| <b>Yeast &amp; Mold</b>                | FDA BAM Chapter 18 mod. or equivalent           | ≤ 10,000 cfu/g                   | Each Lot   |
| <b>Coliforms</b>                       | CMMEF Chapter 9.933 or equivalent               | ≤ 500 cfu/g                      | Each Lot   |
| <b>E. coli</b>                         | CMMEF Chapter 9.933 or equivalent               | < 10 cfu/g (Not Detected)        | Each Lot   |
| <b>Salmonella</b>                      | AOAC-RI 121501 or equivalent                    | Not Detected / 25 g              | Each Lot   |
| <b>Listeria spp.</b>                   | AOAC-RI 061702 or equivalent                    | Not Detected / 25 g              | Each Lot   |
| <b>Contaminants Testing</b>            |   |                                  |  |
| <b>Arsenic (As)</b>                    | ICP-MS Instrumentation                          | ≤ 0.25 ppm                       | Heavy metal test on the Single species included in the blend |
| <b>Cadmium (Cd)</b>                    | ICP-MS Instrumentation                          | ≤ 0.1 ppm                        |  |
| <b>Lead (Pb)</b>                       | ICP-MS Instrumentation                          | ≤ 0.1 ppm                        |  |
| <b>Mercury (Hg)</b>                    | ICP-MS Instrumentation                          | Not Detected at LOQ <sup>#</sup> |  |

<sup>#</sup> LOQ: Limit of Quantification

|   |                      |   |  |  |
|---|----------------------|---|--|--|
|  |                      | <b>Finished Product Specification</b><br><h1 style="margin: 0;">MyCognition™</h1> |  |  |
| <b>Section:</b> Quality Management  | <b>Item #:</b> 54970 | <b>Customer:</b> M2<br>Ingredients Product (H)                                    | <b>Approved By/Date:</b><br>See signature page | <b>Effective Date:</b><br>See signature page |

| Packaging Specification - 20Kg box |   |
|------------------------------------|---|
| Primary Packaging                  | Material Specification  |
| Liners                             | 10kg Bag: Clear 20 x 30" 2 Mil Industrial polyethylene bags. (Item # 26000)<br>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   |



# MyCognition™

## MUSHROOM POWDER BLEND

Ingredients: A proprietary mushroom powder blend; cultured on Organic oats (Avena sativa);  
 Organic Lion's Mane (Hericium erinaceus) mycelial biomass & fruit body, Organic Cordyceps (Cordyceps militaris)  
 mycelial biomass, stroma & fruit body, and Organic Reishi (Ganoderma lucidum s.l.) mycelial biomass & fruit body

**Product of USA (California)**

**Net Weight 20kg.**

**Produced by M2 INGREDIENTS Inc. Vista, CA. USA 92081**

CDPH - OPR: # 122187

Certified Organic by Organic Certifiers, Certified Kosher by Earth Kosher

**Item: 54970**

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# 3.0