



GOURMET MUSHROOMS INC.

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# Certificate Of Analysis

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| Section 1. GENERAL INFORMATION                                  |                          |                      |                   |
|---|--------------------------|----------------------|-------------------|
| Product Name:   | Organic Lion's Mane      | Manufacture Date:    | 6/20/2010         |
| Latin Name:   | <i>Hericum erinaceus</i> | Testing Date:        |                   |
| Country of Origin:  | USA                      | Expiration Date:     | 6/19/2013         |
| Certified Organic by:   | O.A.I.                   | Certified Kosher by: | OK Kosher         |
| Section 2. REFERENCE INFORMATION                                |                          |                      |                   |
| Batch ID:   | 10HE1504                 | Purchase Order:      | 1838              |
| Strain:   | He-OX                    | Order Quantity(Kg)   | 1                 |
| Invoice Number:   | INV-57560                |                      |                   |
| Section 3. ANALYSES   |                          |                      |                   |
| Item Description  | Specification            | Test Method          | Result            |
| Product Characteristics   |                          |                      |                   |
| Plant Part Used:  | Mushroom Mycelium        | Organoleptic         | Complies          |
| Carrier Used:   | None                     | N/A                  | Complies          |
| Plant :Extract Ratio  | N/A                      | N/A                  | N/A               |
| Physical Tests  |                          |                      |                   |
| Appearance:   | Fine Powder              | Organoleptic         | Complies          |
| Color:  | Beige                    | Organoleptic         | Complies          |
| Aroma:  | Characteristic           | Organoleptic         | Complies          |
| Taste:  | Characteristic           | Organoleptic         | Complies          |
| Particle size:  | 60 Mesh                  | Mesh Sieve           | Complies          |
| Moisture:   | 5 - 9%                   | Thermogravimetric    |                   |
| Solubility in Water:  | Mildly Soluble           | Organoleptic         | Complies          |
| Chemical Tests  |                          |                      |                   |
| Ash:  | 1.3                      | AOAC 950.46,92       | Approximate *     |
| Protein:  | 7.1                      | AOAC 992.15          | Approximate *     |
| Fat:  | 0.84                     | AOAC 976.26          | Approximate *     |
| Carbohydrates:  | 82.16                    | Calculated           | Approximate *     |
| Total Heavy Metals:   | NMT 10 ppm total         | AOAC 993.14          | 0.150 ppm *       |
| Arsenic:  | NMT 3 ppm                | AOAC 993.14          | 0.136 ppm *       |
| Lead (Pb):  | NMT 3 ppm                | AOAC 993.14          | 0.008 ppm *       |
| Mercury:  | NMT 3 ppm                | AOAC 993.14          | 0.004 ppm *       |
| Cadmium:  | NMT 3 ppm                | AOAC 993.14          | 0.002 ppm *       |
| * Skip Lot Validation   |                          |                      |                   |
| Microbiological Tests   |                          |                      |                   |
| Total Plate Count:  | NMT 5000 cfu/g           | AOAC OMA 990.12      | < 100 cfu/g       |
| Yeast & Mold  | NMT 500 cfu/g            | AOAC OMA 997.02      | < 100 cfu/g       |
| Staphylococcus aureus   | Absent cfu/g             | AOAC OMA 2003.07     | Absent            |
| E. coli/Coliform:   | Absent cfu/g             | AOAC OMA 991.14      | Absent            |
| Enterobacteriaceae:   | Absent cfu/g             | AOPAC OMA 2003.01    | Absent            |
| Identity of Authorized Individual for Approval Including Title: |                          |                      | Date of Approval: |
| M. Zumwalt, Q.C.  |                          |                      | 1/3/2011          |