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## Certificate of Analysis

Product Description: **Lion's Mane mushroom extract 1:1**  
 Product Code: HEMUWP11  
 Botanical Name: *Hericium erinaceus*  
 Plant Part: Mushroom (fruiting body); cultivated  
 Lot Number: **QYZHE2104.2-11**  
 Extraction Ratio: 1:1 (dried mushroom to extract powder)  
 Processing: Water extraction at 90°C; spray dried  
 Date Manufactured: April 2, 2021  
 Expiration Date: April 1, 2025  
 Country of Origin: China  
 Organic Certificate: PACS #16-508

### TESTING

#### Physical

TESTING	SPECIFICATION	RESULTS	METHODOLOGY
Appearance:	Cream powder	Complies	Organoleptic
Tapped Density:	>0.40 g/cc	0.59 g/cc	Manual
Moisture:	<10.0%	6.79%	Moisture Balance Analyzer
Alpha-glucan:	<5.00%	2.21%	Megazyme Test Kit K-YBGL

#### Active Compounds

#### Not Less Than

Beta-(1,3)(1,6)-glucan:	25.0%	38.8%	Megazyme Test Kit K-YBGL
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#### Microbiological

Total Plate Count:	<10000 cfu/g	<100 cfu/g	AOAC 990.12
Yeast and Mold:	<1000 cfu/g	<100 cfu/g	AOAC 997.02
Enterobacteriaceae:	<100 cfu/g	<10 cfu/g	AOAC 2003.01
Coliform Group:	<100 cfu/g	<10 cfu/g	AOAC 991.14
E.coli:	<10 cfu/g	<10 cfu/g	AOAC 991.14
Staphylococcus:	<10 cfu/g	<10 cfu/g	AOAC 2003.07

#### Heavy Metals

Lead:	<2.00 ppm	0.029 ppm	AOAC 2015.01
Arsenic:	<2.00 ppm	0.035 ppm	AOAC 2015.01
Cadmium:	<2.00 ppm	0.014 ppm	AOAC 2015.01
Mercury:	<0.10 ppm	Not Detected	AOAC 2015.01

#### Approval:

05/13/2021

Quality Assurance

Customer PO:  
Item Number:



Actual results may vary +/- 10% to the specifications due to laboratory test variability.  
Specifications are subject to change without notice.

**WARNING:** Consuming this natural product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more info go to [www.P65Warnings.ca.gov/food](http://www.P65Warnings.ca.gov/food)  
See Nammex's Statement on Prop 65.