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US Warehouse:
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Certificate of Analysis

Product Description:	RealLionsMane™ mushroom extract 8:1
Product Code:	HEMUEX81
Botanical Name:	<i>Heridium erinaceus</i>
Plant Part:	Mushroom (Fruiting body); cultivated
Lot Number:	QYZHE2112.2-81
Extraction Ratio:	8:1 (Dried mushroom to extract powder)
Processing:	Water extraction at 90°C; spray dried
Date Manufactured:	December 14, 2021
Expiration Date:	December 13, 2024
Country of Origin:	China
Organic Certificate:	QAI
GRAS:	Self-Affirmed

Testing	Specification	Results	Methodology
Physical			
Appearance:	Brown Powder	Complies	Organoleptic
Tap Density:	>0.40 g/cc	0.57 g/cc	Manual
Moisture:	<10.0%	3.44%	Moisture Balance Analyzer
Alpha-glucan:	<5.00%	3.48%	Megazyme Test Kit K-YBGL
Active Compounds			
	Typical		
Beta-(1,3)(1,6)-glucan:	15.0%	19.1%	Megazyme Test Kit K-YBGL
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
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
Salmonella:	Negative	Negative	AOAC Cert# 031001
Heavy Metals			
Lead:	<2.00 ppm	0.024 ppm	AOAC 2015.01
Arsenic:	<2.00 ppm	0.097 ppm	AOAC 2015.01
Cadmium:	<2.00 ppm	0.119 ppm	AOAC 2015.01
Mercury:	<0.10 ppm	Not Detected	AOAC 2015.01

Approval:

03/24/2022

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
See Nammex's Statement on Prop 65.



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Certificate of Analysis

Product Description: **RealCordyceps™ mushroom extract 10:1**
 Product Code: CMMUEX101
 Botanical Name: *Cordyceps militaris*
 Plant Part: Mushroom (fruiting body); cultivated
 Lot Number: QYZCM2110-101
 Extraction Ratio: 10:1 (dried mushroom to extract powder)
 Processing: Alcohol/water extraction at 90°C; spray dried
 Date Manufactured: October 27, 2021
 Expiration Date: October 26, 2024
 Country of Origin: China
 Organic Certificate: PACS #16-508
 GRAS: Self-Affirmed

TESTING	SPECIFICATION	RESULTS	METHODOLOGY
Physical			
Appearance:	Orange to brown powder	Complies	Organoleptic
Tapped Density:	>0.40 g/cc	0.62 g/cc	Manual
Moisture:	<10.0%	5.76%	Moisture Balance Analyzer
Alpha-glucan:	<5.00%	0.88%	Megazyme Test Kit K-YBGL
Active Compounds			
Beta-(1,3)(1,6)-glucan:	Typical 20.0%	25.4%	Megazyme Test Kit K-YBGL
Cordycepin:	0.300%	0.627%	HPLC H115
Microbiological			
Total Plate Count:	<10000 cfu/g	600 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	0.067 ppm	AOAC 2015.01
Arsenic:	<2.00 ppm	0.113 ppm	AOAC 2015.01
Cadmium:	<2.00 ppm	0.151 ppm	AOAC 2015.01
Mercury:	<0.10 ppm	Not Detected	AOAC 2015.01

Approval:
01/25/2022

Customer PO:
Item Number:

Quality Assurance



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