



Botanic Planet

Your Supplier for Essential Oils & Botanicals Canada Inc.

Certificate of Analysis

Product Name: Organic Lion's Mane High Density Extract
Product Series: Mushroom Extracts
Batch Number: YZKE04201014
Manufacture Date: 2020-10-14

Botanical name: *Hericium erinaceus*
Batch Quantity: 3000 KGS
Expiry Date: 2023-10-13

General Information

Part Used: Fruiting Body
Extraction: High Density Extract

Country of Origin: China

ITEMS	SPECIFICATION	RESULTS	METHODOLOGY
Physical Characteristics			
Appearance	Yellow to Brown Powder	Complies	Sensory
Particle size	100 % through 80 mesh	Complies	Sieve test
Moisture	<9%	3.35%	AOAC 935.29
Total Ash	<9%	5.1%	GB 5009.4
Tapped density	Not less than 0.55 g/cc	0.87 g/cc	USP 616
Analytical Data			
Identification	Identical to Sample	Identical	HPTLC
Active Compounds			
Beta-Glucans	>25%	46.54%	Megazyme test Kit-K-YBGL
Alpha Glucan	<5%	3.1%	Megazyme test Kit-K-YBGL
Contaminants			
Lead (Pb)	<2.0 mg/kg	Complies	AOAC 984.27 ICP/MS
Arsenic (As)	<1.0 mg/kg	Complies	AOAC 984.27 ICP/MS
Cadmium (Cd)	<1.0 mg/kg	Complies	AOAC 984.27 ICP/MS
Mercury (Hg)	<0.1 mg/kg	Complies	AOAC 984.27 ICP/MS
Pesticides	<LOQ(0.01 mg/kg)	Complies	BS EN 12393:2013(GC) BS EN 15662:2018(LC)
Microbiological			
Total Plate Count	<10,000 cfu/g	100 cfu/g	AOAC 990.12
Yeast & Mold	<100 cfu/g	<100 cfu/g	AOAC 997.02
E.Coli.	Negative	Negative	AOAC 991.14
Salmonella	Negative	Negative	GB 29921
Staphylococcus	Negative	Negative	GB 29921

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