

CERTIFICATE OF ANALYSIS



Product: Lion's Mane 8:1 Mushroom Dual Extract 500mg Capsules

Botanical Name: *Hericium erinaceus*

Lot Number: HC8CS1010521UK Capsules per Bottle: 60ct
 Capsule Batch Number: HC8CENZ1120VEG Capsule Size/Color/Material: Size 0, clear vegetable capsule
 Other Ingredients: None

Raw Material Batch No: HC80410920 Appearance: Yellowish-brown, fine, free flowing powder
 Plant Part: Whole fruiting body Odor: Umami, burnt Cheez-Its
 Extraction Solvent: Water and Alcohol



HP-TLC



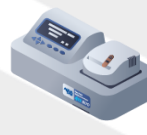
LOSS ON DRYING



UV-VIS



ICP-MS



WATER ACTIVITY



Analysis	Specification	Result	Methodology
Identity	Botanical Reference Material	Matches	HP-TLC
β-glucan	≥ 15% (m/m)	22%	Fluorescence/UV-VIS
α-glucan	≤ 5% (m/m)	4%	Fluorescence/UV-VIS
Loss on Drying	Report Only	6.90%	Moisture Balance

Heavy Metals	Specification	Result	Methodology
Arsenic	< 0.5 ppm	<0.1000 ppm	ICP-MS
Cadmium	< 0.5 ppm	0.0490 ppm	
Lead	< 0.5 ppm	0.0649 ppm	
Mercury	< 0.5 ppm	<0.0100 ppm	

Microbial Proliferation	Specification	Result	Methodology
All	< 0.73	0.22	Water Activity
Aerobic Plate Count	< 10,000 cfu/g	Conforms	FDA BAM
Yeast and Mold Count	< 1,000 cfu/g	Conforms	
Coliforms	< 100 cfu/g	Conforms	
E. coli	Absent / 10g	Conforms	
Staphylococcus	Absent / 10g	Conforms	
Salmonella spp.	Absent / 25g	Conforms	

