

Product Class:	Organic Mushroom Extract		
Product Name:	Lion's Mane Extract		
Latin Name:	<i>Hericium erinaceus</i>		
Batch / Lot Number:	20230302/P23C1145	Used Part:	Fruit body
Batch Quantity:	1019kg	Analysis Date:	2023/03/09
Manufacture Date:	2023/03/02	Raw Material Batch #:	20230302

ANALYSIS	SPECIFICATION	RESULT	METHOD
Description:			
Appearance	Yellow to brown powder	Complies	Visual
Smell	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Particle size	100% pass 100 mesh	Complies	Sieve analysis
Assay:			
Polysaccharides	≥ 30.0%	31.48%	Spectrophotometric
Beta-glucans	≥ 20.0%	20.37%	Megazyme-Spectrophotometric
Total Active Compounds	---	51.85%	---
Chemical Control:			
Loss of drying	≤ 7.0%	4.65%	5g / 100°C / 2.5hrs
Ash	≤ 15.0%	9.83%	5g / 550°C / 4.0hrs
Carriers	None	Complies	---
Extraction solvent	Water	Complies	---
Extraction method	Hot water extraction	Complies	---
Heavy Metal:			
Lead / Pb	< 1.0µg/g (mg/kg)	0.24	DIN EN 15763, ICP-MS
Cadmium / Cd	< 1.0µg/g (mg/kg)	0.25	DIN EN 15763, ICP-MS
Arsen / As	< 1.0µg/g (mg/kg)	0.18	DIN EN 15763, ICP-MS
Mercury / Hg	< 0.1µg/g (mg/kg)	< 0.005	DIN EN 15763, ICP-MS
Microbiology:			
Total Plate Count	< 10000cfu/g	450 cfu/g	GB 4789.2
Yeast & Mold	< 1000cfu/g	< 10 cfu/g	GB 4789.15
E.coli	< 100cfu/g	< 10 cfu/g	GB 4789.3
Salmonella	Negative	Negative	GB 4789.4
Pesticides residues:			
Multi-Pesticide Screening 500 Items	< Limit of Quantification	Below Limit of Quantification	BS EN 12393//BS EN 15662
Conclusion	Conform with specification		
Storage	Store in cool & dry place, keep away from strong light and heat		
Shelf life	3 years when properly stored		

Verified by:



June Bonfiglio
Founder

FDA Registered: 13849488998

 Certified USDA Organic by Oregon Tilth
NOP ID: 8150002892

 Certified EU Organic by Kiwa BCS Öko-Garantie GmbH
EU_A-2017-0078/ 2018-05662

 Wholesun Wellness, LLC
2709 E. Colemere St.
Sandy, UT 84092
801-300-3579
www.wholesunwellness.com
