

CROWN SUPPLEMENTS

Raw Material Certificate of Analysis Record

CERTIFICATE OF ANALYSIS

Product Class:	Organic Mushroom Powder	Product Code:	ZBBHEP11
Product Name:	Organic Lion's Mane Powder (Organic Lion's Mane Extract Powder 1:1)		
Latin Name:	<i>Hericium erinaceus</i>	Used Part:	Fruiting body
Batch / Lot Number:	BP20241202	Batch Quantity:	2398.89 kg
PO Quantity:	400.00 kg		

ANALYSIS	SPECIFICATION	RESULT	METHOD
Description:			
Composition	100% Powder	Complies	
Carriers	None	Complies	
Appearance	Fine powder, yellow to brown	Complies	Visual
Smell	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Assay:			
Moisture	<= 9.0%	5.40%	GB 5009.3
Ash	<= 10.0%	5.58%	GB 5009.4
Particle size	99% through 100 mesh	Complies	Sieve analysis
Polysaccharides	>= 3.0%	7.63%	SN/T 4260
Beta-glucans	>= 25%	37.51%	Megazyme test kit K-YBGL
Heavy Metal:			
Lead (as Pb)	<= 1.0 mg/kg	<0.02 mg/kg	EN 15763
Cadmium (as Cd)	<= 1.0 mg/kg	0.0861 mg/kg	EN 15763
Arsenic (as As)	<= 1.0 mg/kg	0.0344 mg/kg	EN 15763
Mercury (as Hg)	<= 0.1 mg/kg	0.00401 mg/kg	EN 15763
Microbiology:			
Total plate count	< 10,000 CFU/g	20 CFU/g	GB 4789.2
Moulds and yeasts	< 1,000 CFU/g	< 10 CFU/g	GB 4789.15
Coliforms	< 500 CFU/g	< 10 CFU/g	GB 4789.3
Pesticides residues:			
Multi-pesticide screening Items	< Limit of quantification	Below limit of quantification	BS EN 12393 / BS EN 15662
Storage	Room temperature or lower, in an airtight container.		