

## Certificate of Analyses

<b>Product Name: Hericium Extract</b> Batch Number: HEE-20031801 Quantity: 1.500 kg Date of Expiry: 17.03.2024	Botanical Name: Hericium erinaceus Origin of raw material: China Date of Manufacture: 18.03.2020
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Item	Specification	Result	Test-Method
Assay (Polysaccharides)	30% min	Complies	CP2010-UV
<b>Physical Control</b>			
Appearance	Conforms with reference	Complies	Organoleptic
Smell	Conforms with reference	Complies	Organoleptic
Taste	Conforms with reference	Complies	Organoleptic
Particle Size	60-72 mesh	Complies	Sieve analysis
<b>Chemical Control</b>			
Loss on Drying	< 5%	Complies	5g100°C / 2.5hrs
Ash	< 10%	Complies	2g525°C/3hrs
<b>Heavy Metal:</b>			
Lead	≤ 2 mg/kg	Complies	VDLUFA III, 17.9.1
Mercury	≤ 0.1 mg/kg	Complies	§64 LFGB L 00.00- 19/4
Cadmium	≤ 1 mg/kg	Complies	VDLUFA III, 17.9.1
<b>Pesticides: ALL must comply with European standard - List of pesticides in: QS-COA-PESTI-1</b>			
Carbendazim and benomyl (sum)	< 1 mg / kg	Complies	HPLC/GC
2-phenylphenol	< 0,05 mg / kg	Complies	HPLC/GC
Metalaxyl and metalaxyl-M (sum)	< 0,05 mg / kg	Complies	HPLC/GC
2,4-D (sum of 2,4-D)	< 0,05 mg / kg	Complies	HPLC/GC
Acetamiprid	< 0,01 mg / kg	Complies	HPLC/GC
<b>Polycyclic aromatic hydrocarbons</b>			
Sum of Benzoapyren, Benzantracen, Benzo(b)fluoranthen and Chrysen	<0,050 mg / kg	Complies	VDLUFA VII, 3.3.3.2
<b>Microbiological:</b>			
TAMC (TPC)	< 10.000 cfu/g	Complies	DIN EN ISO 7218
TYMC (Yeast and Mould)	< 1.000 cfu/g	Complies	ISO 21527: 2008
E.Coli	< 100	Complies	LST-Bouillon/TBX
Salmonella	Absent/25g	Complies	DIN EN ISO 6579
Staphylococcus	Absent/25g	Complies	ISO 6888-3 (mod.)
<b>Packaging:</b>			
<b>25KG/drum, Pack in paper-drums and two plastic-bag inside.</b>			
<b>Further:</b>			
<b>This product is not irradiated and is non-GMO according to EC 1829/2003 and 1830/2003.</b>			
<b>This product is BSE/TSE free. Radioactivity (Cs134 + Cs137)&lt;370 Bq/kg [Scintillation].</b>			
<b>Date of expiry: minimum 4 years after production - see expiry date</b>			