



Certificate of Analyses

Product Name: Maitake Extract	Botanical Name: Grifola frondosa
Batch Number: GFE-180614	Date of Manufacture: 14.06.2018
Quantity: 1000.0 kg	
Date of Expiry: 13.06.2022	

Item	Specification	Result	Test-Method
Assay (Polysaccharides)	30% min	Complies	CP2010-UV
Physical Control			
Appearance	Conforms with reference	Complies	Organoleptic
Smell	Conforms with reference	Complies	Organoleptic
Taste	Conforms with reference	Complies	Organoleptic
Particle Size	60 - 72 mesh	Complies	60 mesh screen
Chemical Control			
Loss on Drying	<5%	Complies	5g100°C / 2.5hrs
Ash	<10%	Complies	2g525°C/3hrs
Heavy Metal:			
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
Pesticides: ALL must comply with European standard - List of pesticides in: QS-COA-PESTI-1			
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
Polycyclic aromatic hydrocarbons			
Sum of Benzoapyren, Benzantracenen, Benzo(b)fluoranthen and Chrysen	<0,050 mg / kg	Complies	VDLUFA VII, 3.3.3.2
Microbiological:			
Total viable count	<10.000 cfu/g	Complies	DIN EN ISO 7218
Mould	<1000 cfu/g	Complies	ISO 21527: 2008
Salmonella	Negative	Complies	DIN EN ISO 6579
E.Coli	<100	Complies	LST-Bouillon/TBX
Staphylococcus	Absent/25g	Complies	ISO 6888-3 (mod.)
Packaging: 25KG/drum, Pack in paper-drums and two plastic-bags inside.			
Storage in cool & dry place. Keep away from strong light and heat.			
Further:			
This product is not irradiated and is non-GMO according to EC 1829/2003 and 1830/2003.			
This product is BSE/TSE free. Radioactivity (Cs134 + Cs137)<370 Bq/kg [Scintillation].			
Date of expiry: minimum 4 years after production - see expiry date			