



# mycotritition

## Certificate of Analyses

Product Name: <b>Maitake Extract</b>	Botanical Name: Grifola frondosa
Batch Number: GFE-19030101	
Quantity: 750.0 kg	Date of Manufacture: 11.01.2019
Date of Expiry: 10.01.2023	

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	4.0 - 7.0 %	Complies	5g100°C / 2.5hrs
Ash	8% Max	Complies	2g525°C/3hrs
<b>Heavy Metal:</b>			
Lead	1.5 ppm Max	Complies	VDLUFA III, 17.9.1
Mercury	0.1 ppm Max	Complies	§64 LFGB L 00.00- 19/4
Cadmium	1 ppm Max	Complies	VDLUFA III, 17.9.1
<b>Pesticides:</b> 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
<b>Polycyclic aromatic hydrocarbons</b>			
Sum of Benzoapyren, Benzanthracen, Benzo(b)fluoranthen and Chrysen	<0,050 mg / kg	Complies	VDLUFA VII, 3.3.3.2
<b>Microbiological:</b>			
Total viable count	<10.000 cfu / g	Complies	DIN EN ISO 7218
Mould	<100 cfu/g	Complies	ISO 21527: 2008
Salmonella	Negative	Complies	DIN EN ISO 6579
E.Coli	Negative	Complies	LST-Bouillon/TBX
Staphylococcus	Negative	Complies	ISO 6888-3 (mod.)
<b>Packaging:</b> 25KG/drum, Pack in paper-drums and two plastic-bags inside.			
<b>Storage</b> in cool & dry place. Keep away from strong light and heat.			
<b>Further:</b>			
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			

released by QA Department on 18.06.2019