



## Certificate of Analysis

### Chaga Extract

<b>General Information</b>			
Plant Origin:	Chaga	Part of Used	Fruit body
GMO Status	GMO free	Representative QTY	826 kg
Batch #	HY-20211211	Produce Date	2021-12-11
Analysis Date	2021-12-11	Report Date	2021-12-17
Item	Specification	Method	Result
<b>Physical Property</b>			
Appearance	Fine powder	Organoleptic	Conforms
Color	Brown Yellow	Organoleptic	Conforms
Odour	Characteristic	Organoleptic	Conforms
Mesh Size	100% through 80 mesh size	USP39<786>	Conforms
<b>General Analysis</b>			
10 : 1	Identical to R.S.sample	USP39	Conforms
Loss on Drying	≤8.0%	Eur.Ph.8.0[2.2.32]	2.26%
Ash	≤8.0%	Eur.Ph.8.0[2.4.16]	2.75%
<b>Contaminants</b>			
Pesticides Residue	Meet USP39<561>	USP39<561>	Conforms
Lead(Pb)	≤3.0mg/kg	Eur.Ph8.0<2.4.10>ICP-MS	<0.05
Arsenic(As)	≤2.0mg/kg	Eur.Ph8.0<2.4.2>ICP-MS	<0.1
Cadmium(Cd)	≤1.0mg/kg	Eur.Ph8.0<2.2.58>ICP-MS	<0.01
Mercury(Hg)	≤0.1mg/kg	Eur.Ph8.0<2.9.32>ICP-MS	<0.005
<b>Microbiological</b>			
Total Plate Count	≤10000cfu/g	USP35<965>	580
Yeast &Mold	≤100cfu/g	USP35<965>	180
E.Coli.	Negative	USP35<965>	Conforms
Salmonella	Negative	USP35<965>	Conforms
<b>Shelf Life</b>	24 months under the conditions below, no antioxidant used		
<b>Package&amp;Storage</b>	Standard packed in fiber-drum and two plastic bags inside N.W: 25kgs. I.D. 35 x H51 cm;		

Date: 2022-02-02

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