



CERTIFICATES OF ANALYSIS

TONIC GOLD M - HERBAL COFFEE





Certificate of Analysis

Manufacturing Data

Product Name	Chaga Extract Powder		
Botanical Source	<i>Phaeoporus obliquus</i>		
Used Part	Fruit Bodies	Batch Quantity	250kg
Batch Number	20180517	Extract Solvent	Water / Ethanol

Quality Data

Identification	Standardization	Results	Test Methods
Appearance	Fine brown powder	Complied	Visual
Odor & Taste	Characteristic	Complied	Organoleptic
Assay Data	10:1	Complied	TLC
Mesh Size	90% through 80 meshes	80 meshes	80 Mesh Screen
Loss on Drying	5.0% max	4.05%	USP(731)
Residue on Ignition	5.0% max	3.50%	USP(281)
Loose Density	0.40g/ml min	0.42g/ml	USP(616)
Tap Density	0.55g/ml min	0.58g/ml	USP(616)
Non-irradiated	Yes	Complied	Steam
No ETO	Yes	Complied	Steam
Aflatoxins B1	5ppb max	Complied	CP2010 IX V
Aflatoxins Sum of B1, B2, G1, G2	20ppb max	Complied	CP2010 IX V
Total Heavy Metals	10.0 ppm max	Complied	CP2005 IX E
Pb	1.0 ppm max	0.12ppm	AAS
Hg	0.5 ppm max	0.09ppm	AAS
Cd	0.5 ppm max	0.07ppm	AAS
As	1.0 ppm max	0.11ppm	AAS
Pesticide Residues	Absent at ppb level	Complied	EP 2.8.13

Microbiological Data

Total Plate Count	1000cfu/g max.	610cfu/g	GB/T 4789.2
Yeast & Mold	100cfu/g max.	55cfu/g	GB/T 4789.15
E.Coli & Salmonella	Negative	Complied	GB/T 4789.3
Staphylococcus aureus	Negative	Complied	GB/T4789.10

Addition Data

Storage	Store in a cool dry place, avoiding sunlight directly
Retest Date	May,16,2020
Shelf life	Two years
Packaging	Food grade multiplayer polyethylene bags, 25kg in one type cardboard drum



Certificate of Analysis

Manufacturing Data

Product Name	Maitake Mushroom Extract Powder		
Botanical Source	<i>Grifola frondosa</i>		
Used Part	Fruit Bodies	Batch Quantity	270kg
Batch Number	20180415	Extract Solvent	Water

Quality Data

Identification	Standardization	Results	Test Methods
Appearance	Fine brown powder	Complied	Visual
Odor & Taste	Characteristic	Complied	Organoleptic
Assay	10:1	Complied	TLC
Mesh Size	90% through 80 meshes	98%	80 Mesh Screen
Loss on Drying	5.0% max	3.70%	USP(731)
Residue on Ignition	5.0% max	4.05%	USP(281)
Loose Density	0.50g/ml min.	0.52g/ml	USP(616)
Tap Density	0.65g/ml min.	0.67g/ml	USP(616)
Non-irradiated	Yes	Complied	Steam
No ETO	Yes	Complied	Steam
Aflatoxins B1	5 ppb max	Complied	CP2010 IX V
Aflatoxins Sum of B1, B2, G1, G2	20 ppb max	Complied	CP2010 IX V
Total Heavy Metals	10.0 ppm max	Complied	CP2005 IX E
Pb	1.0 ppm max	0.12ppm	AAS
Cd	0.5 ppm max	0.08ppm	AAS
Hg	0.5 ppm max	0.08ppm	AAS
As	1.0 ppm max	0.10ppm	AAS
Pesticide Residues	Absent at ppb level	Complied	EP 2.8.13

Microbiological Data

Total Plate Count	1000cfu/g max.	560cfu/g	GB/T 4789.2
Yeast & Mold	100cfu/g max.	55cfu/g	GB/T 4789.15
E.Coli & Salmonella	Negative	Complied	GB/T 4789.3
Staphylococcus aureus	Negative	Complied	GB/T 4789.10

Addition Data

Storage	Store in a cool dry place, avoiding sunlight directly
Retest Date	Apr,14,2020
Shelf life	Two years
Packaging	Food grade multiplayer polyethylene bags, 25kg in one type cardboard drum



Certificate of Analysis

Manufacturing Data

Product Name	Coriolus Mushroom Extract Powder		
Botanical Source	<i>Coriolus versicolor</i>		
Used Part	Fruit Bodies	Batch Quantity	260kg
Batch Number	20180305	Extract Solvent	Water

Quality Data

Identification	Standardization	Results	Test Methods
Appearance	Fine brown powder	Complied	Visual
Odor & Taste	Characteristic	Complied	Organoleptic
Assay	10:1	Complied	TLC
Mesh Size	90% through 80 meshes	98%	80 Mesh Screen
Loss on Drying	5.0% max	3.40%	USP(731)
Residue on Ignition	5.0% max	3.35%	USP(281)
Loose Density	0.50g/ml min.	0.52g/ml	USP(616)
Tap Density	0.65g/ml min.	0.67g/ml	USP(616)
Non-irradiated	Yes	Complied	Steam
No ETO	Yes	Complied	Steam
Aflatoxins B1	5 ppb max	Complied	CP2010 IX V
Aflatoxins Sum of B1, B2, G1, G2	20 ppb max	Complied	CP2010 IX V
Total Heavy Metals	10.0 ppm max	Complied	CP2005 IX E
Pb	1.0 ppm max	0.12ppm	AAS
Cd	0.5 ppm max	0.07ppm	AAS
Hg	0.5 ppm max	0.07ppm	AAS
As	1.0 ppm max	0.10ppm	AAS
Pesticide Residues	Absent at ppb level	Complied	EP 2.8.13

Microbiological Data

Total Plate Count	1000cfu/g max.	600cfu/g	GB/T 4789.2
Yeast & Mold	100cfu/g max.	53cfu/g	GB/T 4789.15
E.Coli & Salmonella	Negative	Complied	GB/T 4789.3
Staphylococcus aureus	Negative	Complied	GB/T 4789.10

Addition Data

Storage	Store in a cool dry place, avoiding sunlight directly
Retest Date	Mar,04,2020
Shelf life	Two years
Packaging	Food grade multiplayer polyethylene bags, 25kg in one type cardboard drum



Certificate of Analysis

Manufacturing Data

Product Name	Shiitake Mushroom Extract Powder		
Botanical Source	<i>Lentinus edodes (Berk.)sing</i>		
Used Part	Fruit Bodies	Batch Quantity	280kg
Batch Number	20180517	Extract Solvent	Water

Quality Data

Identification	Standardization	Results	Test Methods
Appearance	Fine brown powder	Complied	Visual
Odor & Taste	Characteristic	Complied	Organoleptic
Assay	10:1	Complied	TLC
Mesh Size	90% through 80 meshes	98%	80 Mesh Screen
Loss on Drying	5.0% max	3.60%	USP(731)
Residue on Ignition	5.0% max	3.50%	USP(281)
Loose Density	0.50g/ml min.	0.52g/ml	USP(616)
Tap Density	0.65g/ml min.	0.67g/ml	USP(616)
Non-irradiated	Yes	Complied	Steam
No ETO	Yes	Complied	Steam
Aflatoxins B1	5 ppb max	Complied	CP2010 IX V
Aflatoxins Sum of B1, B2, G1,G2	20 ppb max	Complied	CP2010 IX V
Total Heavy Metals	10.0 ppm max	Complied	CP2005 IX E
Pb	1.0 ppm max	0.11ppm	AAS
Cd	0.5 ppm max	0.08ppm	AAS
Hg	0.5 ppm max	0.07ppm	AAS
As	1.0 ppm max	0.10ppm	AAS
Pesticide Residues	Absent at ppb level	Complied	EP 2.8.13

Microbiological Data

Total Plate Count	1000cfu/g max.	640cfu/g	GB/T 4789.2
Yeast & Mold	100cfu/g max.	70cfu/g	GB/T 4789.15
E.Coli & Salmonella	Negative	Complied	GB/T 4789.3
Staphylococcus aureus	Negative	Complied	GB/T 4789.10

Addition Data

Storage	Store in a cool dry place, avoiding sunlight directly
Retest Date	May,16,2020
Shelf life	Two years
Packaging	Food grade multiplayer polyethylene bags, 25kg in one type cardboard drum



Certificate of Analysis

Manufacturing Data

Product Name	Reishi Extract Powder		
Botanical Source	<i>Ganoderma Lucidum</i>		
Used Part	Fruit Bodies	Batch Quantity	300kg
Batch Number	20180607	Extract Solvent	Water/Ethanol

Quality Data

Identification	Standardization	Results	Test Methods
Appearance	Fine brown powder	Complied	Visual
Odor & Taste	Characteristic	Complied	Organoleptic
Assay Data	10:1	Complied	TLC
Mesh Size	90% through 80 meshes	80 meshes	80 Mesh Screen
Loss on Drying	5.0% max	3.30%	USP(731)
Residue on Ignition	5.0% max	2.90%	USP(281)
Loose Density	0.40g/ml-0.60 g/ml	0.45g/ml	USP(616)
Tap Density	0.55g/ml-0.70g/ml	0.62gml	USP(616)
Non-irradiated	Yes	Complied	Steam
No ETO	Yes	Complied	Steam
Aflatoxins B1	5 ppb max	Complied	CP2010 IX V
Aflatoxins Sum of B1, B2, G1,G2	20 ppb max	Complied	CP2010 IX V
Total Heavy Metals	10.0 ppm max	Complies	CP2005 IX E
Pb	1.0 ppm max	0.12 ppm	AAS
Hg	0.5 ppm max	0.08 ppm	AAS
Cd	0.5 ppm max	0.07 ppm	AAS
As	1.0 ppm max	0.10 ppm	AAS
Pesticide Residues	Absent at ppb level	Complied	EP 2.8.13

Microbiological Data

Total Plate Count	1000cfu/g max.	560cfu/g	GB/T 4789.2
Yeast & Mold	100cfu/g max.	70cfu/g	GB/T 4789.15
E.Coli & Salmonella	Negative	Complied	GB/T 4789.3
Staphylococcus aureus	Negative	Complied	GB/T4789.10

Addition Data

Storage	Store in a cool dry place, avoiding sunlight directly
Retest Date	Jun,06,2020
Shelf life	Two years
Packaging	Food grade multiplayer polyethylene bags, 25kg in one type cardboard drum



Certificate of Analysis

Manufacturing Data

Product Name	Lion's Mane Mushroom Extract Powder		
Botanical Source	<i>Hericium erinaceus</i>		
Used Part	Fruit Bodies	Batch Quantity	250kg
Batch Number	20180525	Extract Solvent	Water

Quality Data

Identification	Standardization	Results	Test Methods
Appearance	Fine brown powder	Complied	Visual
Odor & Taste	Characteristic	Complied	Organoleptic
Assay	10:1	Complied	TLC
Mesh Size	90% through 80 meshes	98%	80 Mesh Screen
Loss on Drying	5.0% max	3.50%	USP(731)
Residue on Ignition	5.0% max	3.35%	USP(281)
Loose Density	0.50g/ml min.	0.52g/ml	USP(616)
Tap Density	0.65g/ml min.	0.67g/ml	USP(616)
Non-irradiated	Yes	Complied	Steam
No ETO	Yes	Complied	Steam
Aflatoxins B1	5 ppb max	Complied	CP2010 IX V
Aflatoxins Sum of B1, B2, G1,G2	20 ppb max	Complied	CP2010 IX V
Total Heavy Metals	10.0 ppm max	Complied	CP2005 IX E
Pb	1.0 ppm max	0.12ppm	AAS
Cd	0.5 ppm max	0.10ppm	AAS
Hg	0.5 ppm max	0.09ppm	AAS
As	1.0 ppm max	0.11ppm	AAS
Pesticide Residues	Absent at ppb level	Complied	EP 2.8.13

Microbiological Data

Total Plate Count	1000cfu/g max.	570cfu/g	GB/T 4789.2
Yeast & Mold	100cfu/g max.	65cfu/g	GB/T 4789.15
E.Coli & Salmonella	Negative	Complied	GB/T 4789.3
Staphylococcus aureus	Negative	Complied	GB/T 4789.10

Addition Data

Storage	Store in a cool dry place, avoiding sunlight directly		
Retest Date	May.24,2020		
Shelf life	Two years		
Packaging	Food grade multiplayer polyethylene bags, 25kg in one type cardboard drum		



Certificate of Analysis

Manufacturing Data

Product Name	Cordyceps Militaris Extract Powder		
Botanical Source	<i>Cordyceps Militaris</i>		
Used Part	Fruit Bodies	Batch Quantity	300kg
Batch Number	20180508	Extract Solvent	Water

Quality Data

Identification	Standardization	Results	Test Methods
Appearance	Fine brown powder	Complied	Visual
Odor & Taste	Characteristic	Complied	Organoleptic
Assay Data	10:1	Complied	TLC
Mesh Size	90% through 80 meshes	80 meshes	80 Mesh Screen
Loss on Drying	5.0% max	3.80%	USP(731)
Residue on Ignition	5.0% max	4.20%	USP(281)
Loose Density	0.40g/ml min	0.45g/ml	USP(616)
Tap Density	0.60g/ml min	0.62g/ml	USP(616)
Non-irradiated	Yes	Complied	Steam
No ETO	Yes	Complied	Steam
Aflatoxins B1	5 ppb max	Complied	CP2010 IX V
Aflatoxins Sum of B1, B2, G1,G2	20 ppb max	Complied	CP2010 IX V
Total Heavy Metals	10.0 ppm max	Complied	CP2005 IX E
Pb	1.0 ppm max	0.13 ppm	AAS
Hg	0.5 ppm max	0.08 ppm	AAS
Cd	0.5 ppm max	0.07 ppm	AAS
As	1.0 ppm max	0.11 ppm	AAS
Pesticide Residues	Absent at ppb level	Complied	EP 2.8.13

Microbiological Data

Total Plate Count	1000cfu/g max.	620cfu/g	GB/T 4789.2
Yeast & Mold	100cfu/g max.	60cfu/g	GB/T 4789.15
E.Coli & Salmonella	Negative	Complied	GB/T 4789.3
Staphylococcus aureus	Negative	Complied	GB/T 4789.10

Addition Data

Storage	Store in a cool dry place, avoiding sunlight directly
Retest Date	May,07,2020
Shelf life	Two years
Packaging	Food grade multiplayer polyethylene bags, 25kg in one type cardboard drum