

Certificate of Analysis

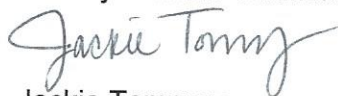
Product	Chaga Gold	Botanical Source	Chaga Gold
Lot Number	CG200120	Product Code	CG.FS
Date of Manufacture	20-Jan-20	Re-evaluation date	20-Jan-25
Active Ingredients	<i>Proprietary Blend: Cultivated Inonotus obliquus (Non-Extract), and Wild Inonotus obliquus (Non-Extract)</i>		
Plant Part Used	Whole* plus Wild Inonotus obliquus fruit bodies		
Origin	USA	Tapped Density	0.48 g/ml
Partical size	90% pass through 60 mesh	Bulk Density	0.34 g/ml
Storage Recommendations	Store in a tightly closed container. Avoid extreme variations in temperature		

Analysis	Specification	Result	Method
Appearance / Color**	Light Brown Powder	Complies	Visual
Odor	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Identification	Positive	Positive	FTIR/HPTLC
Moisture	≤ 7%	5.37%	AOAC 930.15
Total Plate Count	≤100,000 CFU/g	17,000 CFU/g	AOAC 990.12
Yeast & Mold	≤500 CFU/g	150 CFU/g	AOAC 2014.05
Total Coliform Bacteria	<500 CFU/g	< 10 CFU/g	USP <61>
E.coli	Negative in 10g	Negative in 10g	USP <62>
Salmonella spp.	Negative in 10g	Negative in 10g	USP <62>
S.aureus	Negative in 10g	Negative in 10g	USP <62>
Arsenic*	< 3 ppm	<0.10 ppm	ICP-MS
Cadmium*	< 1 ppm	<0.050 ppm	ICP-MS
Lead*	< 1 ppm	0.013 ppm	ICP-MS
Mercury*	< 1 ppm	<0.020 ppm	ICP-MS
Total Polysaccharide Content	≥ 50 %	65.09%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥ 15%	24.86%	AMI/PS.02.3
Alpha Glucan Content	≤ 5%	1.26%	AMI/PS.02.3

**This is a natural product. Color may vary between each lot due to crop fluctuation and harvest

*Subject to reduce frequency testing.

I certify that this certificate is true and correct to the best of my knowledge



Jackie Tomaroy
Quality Control
Aloha Medicinals

Date of Issue: 02/05/2020

