

P: (800)325-7734 | F: (512)341-3931 | W: www.prlabs.com

CERTIFICATE OF ANALYSIS

Product	Premier Fermented Mushroom Blend	Lot Number	230726-2902
Item Number	2902	Country of Origin	USA

TEST	SPECIFICATION	RESULTS	METHOD
Identity			
Appearance	Powder, To Match Standard	Pass	WI-QC-017
Color	Light Yellow-Beige to Yellow-Brown, To Match Standard	Pass	WI-QC-017
Odor	Characteristic, To Match Standard	Pass	WI-QC-017
FTIR	Must Conform to Standard	Pass	DOC-2319

Purity			
Total Aerobic Microbial Count	$\leq 1 \times 10^7$ cfu/g	Pass	USP <2021> or equivalent
Total Combined Yeast and Mold Count	$\leq 1 \times 10^5$ cfu/g	Pass	USP <2021> or equivalent
Enterobacterial Count (Bile - Tolerant Gram Neg. Bacteria)	$\leq 1 \times 10^4$ cfu/g	Pass	02-209-01
<i>Staphylococcus aureus</i>	None Detected in 10 g	Pass	USP <2022> or equivalent
<i>Escherichia coli</i>	None Detected in 10 g	Pass	USP <2022> or equivalent
<i>Salmonella spp.</i>	None Detected in 10 g	Pass	USP <2022> or equivalent
Lead (Pb)	≤ 0.5 ppm	< 0.01 ppm	ICP-MS
Arsenic (As)	≤ 1.5 ppm	0 ppm	ICP-MS
Cadmium (Cd)	≤ 0.5 ppm	0 ppm	ICP-MS
Mercury (Hg)	≤ 0.2 ppm	< 0.005 ppm	ICP-MS

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Composition			
Moisture %	≤ 10 %	5 %	USP <731> or equivalent

Strength			
Vitamin C	≥ 56 mg per 7 g (dry basis)	84 mg / 7 g (dry basis)	TM 9802-261
Dietary Fiber	Report Only (g) per 7 g (dry basis)	5.6 g / 7 g (dry basis)	AOAC 2009.01, 2001.25
Total Beta Glucans Assay	Report Only (mg) per 7 g	691.1 mg / 7 g	UV/Vis

QUALITY APPROVAL		
Prepared By / Date	Approved By / Date	Final Disposition
JB 11/30/23	AA 11/30/23	PASS

This product has been reviewed and approved by the Premier Research Labs Quality Unit. The results reported in this certificate of analysis (COA) are truthful and representative of the lot. The finished product and all raw materials used to manufacture the batch have been found to meet required specification limits in accordance with 21 CFR 111 (cGMP) regulations and the product is released.