

# CERTIFICATE OF ANALYSIS



12661 HOOVER STREET. GARDEN GROVE, CA 92841 | P. 714-754-4372 | F. 714-668-9972 | WWW.ALKEMIST.COM

**Report Issued To:** Intelligent Blends  
5330 Eastgate Mall  
San Diego CA 92121-2804  
USA

**Sample Name:** Mushroom Golden Blend  
**Description:** Blend; Net wt. 3.5 oz (100g) powder [brown pouch]  
**Lot #:** M017036  
**AL #:** 24302PTC\_2  
**Analysis ID:** 245152  
**Received:** 10/28/24

## Determination of Bacterial Contaminants by Petrifilm and MDS

Microorganism	Amount (cfu/g)	Specification	Result
E. coli	Absent	< 10	Pass
Aerobic Bacteria	300	< 10 <sup>5</sup>	Pass
Yeast and Mold	300	< 10 <sup>3</sup>	Pass
Enterobacteria	ND	< 10 <sup>4</sup> *	Pass
Salmonella	Absent	Absent in 25g	Pass
Staph A.	ND	< 10 <sup>2</sup>	Pass
Coliforms	ND	< 10	Pass

### Conditions:

Method: ATM-815-0315, 0316, 0317, 0318, 0319, 0333  
Instrument: 3M Petrifilm Plate Reader, 3M Molecular Detection System (MDS)

### Sample Preparation:

For E.Coli, Aerobic count, Yeast & Mold, Staph A., Coliforms and Enterobacteria. Transferred approximately 10g of sample to sterile filter bag with 90 mL of Tryptic Soy Broth. Mixed until homogenous. Diluted 1:10 and 1:100. For each of these four tests, different incubations are performed on petrifilm. For E.Coli, an additional step of incubation with MacConkey broth is performed at 42 C for 24 hours +/- 2 hours, before placing on petrifilm. For Salmonella, transferred 25 g of sample to an enrichment pouch. Massaged pouch enrichment suspension until homogeneous. Incubated at 37 C for 24 hours +/- 2 hours.

### Report Summary:

Conclusion: This "Mushroom Golden Blend" test sample has 300 cfu/g aerobic bacteria, 300 cfu/g yeast and mold, no detected staph A., no detected coliforms no detected enterobacteria, and no detectable trace of Salmonella spp. and E. coli.

OOS Reference: N/A

Notes: \*For Enterobacteria, used AHPA criteria specification for finished botanical goods.  
This matrix has been verified fit-for-purpose using Petrifilm and MDS

Notebook Reference: 31724 Petrifilm, 31724 MDS

**Analysis Date:** 11/18/24

**Analyzed By:** R Garcia

**Authorized By:** Latrece Brown,  
Lead Analytical Chemist

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