

# CERTIFICATE OF ANALYSIS



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

**Sample Name:** Lions Mane Extract  
**Description:** Powder; Net wt. 3.5 oz (100g) powder  
[purple pouch]  
**Lot #:** M017035  
**AL #:** 24302QTS\_2  
**Analysis ID:** 245158  
**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	ND	< 10 <sup>5</sup>	Pass
Yeast and Mold	ND	< 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 "Lions Mane Extract" test sample has no detected aerobic bacteria, no detected 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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