

## Certificate of Analysis

**LIONS MANE EXTRACT; Lot #: 227196-5**

**LIONS MANE EXTRACT; Batch #: 10458**

**Manufacture Date:** 05/03/2025

**Expiration Date:** 05/03/2029

Test	Specification	Test Result	Method	Result Date
<b>Microbiology</b>				
TOTAL PLATE COUNT	< 100000 CFU/g	300 CFU/g	SOP_6_503_A	2025-05-10
YEAST & MOLD	< 1000 CFU/g	40 CFU/g	SOP_6_503_A	2025-05-10
S. AUREUS	Equal to absent	absent	SOP_6_503_A	2025-05-10
SALMONELLA	Equal to absent	absent	SOP_6_503_A	2025-05-10
E. COLI	Equal to absent	absent	SOP_6_503_A	2025-05-10
<b>Heavy Metals</b>			SOP_6_602_B	
ARSENIC	< 2 ppm	0.1671 ppm		2025-05-10
CADMIUM	< 2 ppm	0.0190 ppm		2025-05-10
LEAD	< 2 ppm	< 0.0200 ppm		2025-05-10
MERCURY	< 2 ppm	< 0.0200 ppm		2025-05-10
<b>Active Compounds</b>				
BETA-GLUCAN	>= 30.0 g/100g	34.8 g/100g	SOP_6_601_C	2025-05-12

### **References**

SOP\_6\_503\_A: Based on USP <2021>/<2022>, modified and validated on 2018-12-21.  
Unless reported on this Certificate of Analysis, suitability testing is not performed.  
SOP\_6\_602\_B: ICP-MS based on USP <232>/<233>, modified from EP 2.4.27.  
SOP\_6\_601\_C: Beta-glucan determined using the Megazyme K-YBGL assay kit, specific for yeast and mushroom (1→3)(1→6)-β-D-glucans; validated on 2025-03-17.

Rechecked & Approved: June 1, 2025 by Jeremy Downs