

Certificate of Analysis

SHIITAKE EXTRACT; Lot #: 241196-1

SHIITAKE EXTRACT; Batch #: 16224

Manufacture Date: 04/20/2025

Expiration Date: 04/20/2029

Test	Specification	Test Result	Method	Result Date
Microbiology				
TOTAL PLATE COUNT	< 10000 CFU/g	100 CFU/g	SOP_6_503_A	2025-04-27
YEAST & MOLD	< 1000 CFU/g	10 CFU/g	SOP_6_503_A	2025-04-27
S. AUREUS	Equal to absent	absent	SOP_6_503_A	2025-04-27
SALMONELLA	Equal to absent	absent	SOP_6_503_A	2025-04-27
E. COLI	Equal to absent	absent	SOP_6_503_A	2025-04-27
Heavy Metals			SOP_6_602_B	
ARSENIC	< 1 ppm	0.0500 ppm		2025-04-27
CADMIUM	< 1 ppm	0.3310 ppm		2025-04-27
LEAD	< 1 ppm	0.1980 ppm		2025-04-27
MERCURY	< .1000 ppm	< 0.0100 ppm		2025-04-27
Active Compounds				
BETA-GLUCAN	>= 30.0 g/100g	38.5 g/100g	SOP_6_601_C	2025-04-29

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