

Certificate of Analysis

SHIITAKE MUSHROOM EXTRACT; Lot #: 241196-3

SHIITAKE MUSHROOM EXTRACT; Batch #: 16226

Manufacture Date: 19/01/2026

Expiration Date: 19/01/2030

Test	Specification	Test Result	Method	Result Date
Microbiology				
TOTAL PLATE COUNT	< 10000 CFU/g	60 CFU/g	SOP_6_503_A	2026-01-26
YEAST & MOLD	< 1000 CFU/g	6 CFU/g	SOP_6_503_A	2026-01-26
S. AUREUS	Equal to absent	absent	SOP_6_503_A	2026-01-26
SALMONELLA	Equal to absent	absent	SOP_6_503_A	2026-01-26
E. COLI	Equal to absent	absent	SOP_6_503_A	2026-01-26
Heavy Metals			SOP_6_602_B	
ARSENIC	< 1 ppm	0.0402 ppm		2026-01-26
CADMIUM	< 1 ppm	0.2840 ppm		2026-01-26
LEAD	< 1 ppm	< 0.0300 ppm		2026-01-26
MERCURY	< .1000 ppm	< 0.0100 ppm		2026-01-26
Active Compounds				
BETA-GLUCAN	>= 30.0 g/100g	38.8 g/100g	SOP_6_601_C	2026-01-28

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.

Lab results verified: January 20, 2026 by Claire Somerville (Facility Manager)
Rechecked and approved: January 21, 2026 by Jeremy Downs (Operations Manager)