

## Certificate of Analysis

CHAGA MUSHROOM EXTRACT; Lot #: 240725-5

CHAGA MUSHROOM EXTRACT; Batch #: 11477

Manufacture Date: 03/01/2026

Expiration Date: 03/01/2030

Test	Specification	Test Result	Method	Result Date
<b>Microbiology</b>				
TOTAL PLATE COUNT	< 100000 CFU/g	80 CFU/g	SOP_6_503_A	2026-01-10
YEAST & MOLD	< 1000 CFU/g	12 CFU/g	SOP_6_503_A	2026-01-10
S. AUREUS	Equal to absent	absent	SOP_6_503_A	2026-01-10
SALMONELLA	Equal to absent	absent	SOP_6_503_A	2026-01-10
E. COLI	Equal to absent	absent	SOP_6_503_A	2026-01-10
<b>Heavy Metals</b>				
ARSENIC	< 2 ppm	0.0500 ppm	SOP_6_602_B	2026-01-10
CADMIUM	< 2 ppm	0.1255 ppm		2026-01-10
LEAD	< 2 ppm	< 0.0400 ppm		2026-01-10
MERCURY	< 2 ppm	< 0.0200 ppm		2026-01-10
<b>Active Compounds</b>				
BETA-GLUCAN	>= 15.0g g/100g	23.5 g/100g	SOP_6_601_C	2026-01-12
<b>References</b>				

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)- $\beta$ -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)