

CERTIFICATE OF ANALYSIS

Product name: Natural Immunity Booster

Batch number: 001

Manufacturing date: 04/2024

Expiration date: 04/2027

Company: Maktub Ltda.

PHYSICAL TESTS			
DESCRIPTION	RESULT	SPECIFICATION	METHOD
Color	Complies	Brown	Organoleptic
Capsule description	Complies	Size 00, white hpmc	Organoleptic
Weight variation	945 mg	(873 – 1039) mg/capsule	USP <2091>
CHEMICAL TESTS			
DESCRIPTION	RESULT	SPECIFICATION	METHOD
Shiitake Mushroom Extract (Polysaccharides ≥ 20%)	276.3 mg	(252 – 308) mg	UV
Reishi Mushroom Extract (Polysaccharides ≥ 30%)	236.8 mg	(216 – 264) mg	UV
Maitake Mushroom Extract (Polysaccharides ≥ 30%)	78.9 mg	(72 – 88) mg	UV
N-acetyl-L-cysteine	75.0 mg	(68.4 – 83.6) mg	USP
Vitamin C (99.0% - 100.5%)	59.2 mg	(54 – 66) mg	Titrimetry
Vitamin A (500.000 UI/g)	2.0 mg	(1.8 – 2.2) mg	USP
Vitamin E (50 UI/mg 50%)	98.7 mg	(90 – 110) mg	USP
HEAVY METAL TESTS			
DESCRIPTION	RESULT	SPECIFICATION	METHOD
Arsenic	< 2.0 ppm	≤ 2.0 ppm	USP <730>
Cadmium	< 1.0 ppm	≤ 1.0 ppm	USP <730>
Lead	< 3.0 ppm	≤ 3.0 ppm	USP <730>
Mercury	< 0.1 ppm	≤ 0.1 ppm	USP <730>
MICROBIOLOGICAL TESTS			
DESCRIPTION	RESULT	SPECIFICATION	METHOD
Total aerobic microbial count	mpn < 300/g	≤ 1E4 cfu/g	USP <2021>
Total molds & yeast count	10 cfu/g	≤ 1E3 cfu/g	USP <2021>
Absence of E. coli	Absence	Absence in 10g	USP <2022>
Absence of Salmonella spp.	Absence	Absence in 10g	USP <2022>

This certificate of analysis reflects reports by our supplier(s) and/or independent laboratories. This product has been packaged in accordance with the master formulation listed above and in compliance with the customer requirements (specifications). The packaging records were reviewed and found to be in compliance with cGMP.
