



# Certificate of Analysis (BIOLOGICAL)

11 JULY 2022

FYE

Total Aerobics, Yeast & Mold, Coliforms, E. coli, Salmonella, & Staphylococcus

USP NF  
Aerobic Plate Count

Sample	Lot #	Spec*	Result*
Green	04-25	5x10 <sup>5</sup> CFU/g	1.0x10 <sup>2</sup> CFU/g
Red	04-25	5x10 <sup>5</sup> CFU/g	7.5x10 <sup>4</sup> CFU/g
White	04-25	5x10 <sup>5</sup> CFU/g	30 CFU/g

USP NF  
Total Yeast

Spec	Result
10 <sup>5</sup> CFU/g	<10 CFU/g
10 <sup>5</sup> CFU/g	1.9x10 <sup>4</sup> CFU/g
10 <sup>5</sup> CFU/g	<10 CFU/g

USP NF  
Total Mold

Spec	Result
10 <sup>5</sup> CFU/g	<10 CFU/g
10 <sup>5</sup> CFU/g	1.9x10 <sup>4</sup> CFU/g
10 <sup>5</sup> CFU/g	<10 CFU/g

FDA(BAM)CH.4  
Coliforms  
3 tube MPN

USP NF  
E. Coli  
POS/NEG

USP NF  
Salmonella  
ELFA

USP NF  
Staphylococcus  
Aureus

Sample	Lot #	Spec	Result	Spec	Result	Spec	Result	Spec	Result
Green	04-25	10 <sup>3</sup> CFU/g	<10 CFU/g	POS/NEG	NEG	POS/NEG	NEG	POS/NEG	NEG
Red	04-25	10 <sup>3</sup> CFU/g	10 <sup>3</sup> CFU/g	POS/NEG	NEG	POS/NEG	NEG	POS/NEG	NEG
White	04-25	10 <sup>3</sup> CFU/g	<10 CFU/g	POS/NEG	NEG	POS/NEG	NEG	POS/NEG	NEG

\* Results are in CFU/g. The detection level for testing Yeast, Mold, and Salmonella is <10 CFU/g. FDA BAM detection level for Coliforms and E.Coli is <3 CFU/g.

Typical Aerobic Plate Count Range for Mitragyna speciosa is 500,000 CFU/g.

Sample Set: 136120  
 Test Date: 06/28/22  
 Bio Final: PASS



**SEAL OF AUTHENTICITY**  
 VERIFIED BY: *[Signature]*  
 Quality Assurance: *Mikulas Hossis*